

Converting Colors

XYZ(72.3657, 85.0006, 75.3208)

Have a look what the booklet for
XYZ(72.3657, 85.0006, 75.3208)
contains.

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Color

**XYZ(72.4066, 84.8618,
75.5145)**

Conversions

Conversions Part 1	
Format	Color
Hex	D5F6D5
RGB	213, 246, 213
RGB Percent	84%, 96%, 84%
CMY	0.1647, 0.0353, 0.1647
CMYK	0.13, 0.00, 0.13, 0.04
HSL	120°, 65%, 90%
HSV	120°, 13%, 96%
XYZ	72.4066, 84.8618, 75.5145
YIQ	232.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

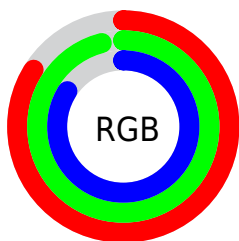
Format	Color
RYB	213, 246, 246
Decimal	14022357
CIELab	93.82, -16.73, 12.32
CIELCh	94, 20.774, 143.632
Yxy	84.8618, 0.3110, 0.3646
Android (android.graphics.Color)	4292212437 (0xFFD5F6D5)
YUV	232.3710, -9.5499, -16.9884
Hunter-Lab	92.1205, -20.9100, 15.8822

Details

The XYZ color **72.4066, 84.8618, 75.5145** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.4379, 73.8372, 97.3107**, and the grayscale version is **77.0559, 81.0688, 88.2839**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6856, 46.5646, 39.2967** is the 20% darker color. If you saturate the color by 10%, you get **62.9159, 80.3054, 59.9888**, and if you desaturate by 10%, it is **83.4580, 90.1729, 93.5892**.

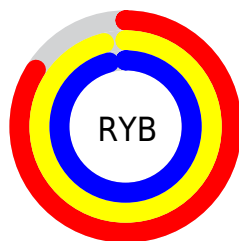
Distribution



Red (84%)

Green (96%)

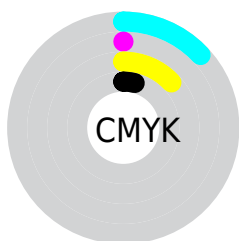
Blue (84%)



Red (84%)

Yellow (96%)

Blue (96%)

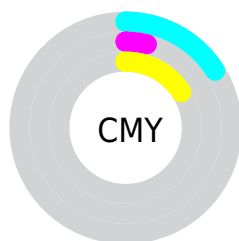


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (4%)



Cyan (16%)


Magenta (4%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4066, 84.8618, 75.5145 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.4066, 84.8618, 75.5145 by changing the saturation by 10% instead.


 72.4066, 84.8618,
75.5145

 72.4066, 84.8618,
75.5145


458.0913,
511.1707, 498.9866

 53.7775, 63.7272,
55.5302


121.6421,
140.1801, 128.7942

 38.6538, 46.4298,
39.4249


152.9793,
175.1325, 162.9267

 26.6700, 32.5851,
26.7801


189.2832,
215.4597, 202.6123

 17.4609, 21.8088,
17.1772

230.9192,
261.5461, 248.2696

 10.6609, 13.7165,
10.1976

278.2526,
313.7759, 300.3172

 5.9049, 7.9237,
5.4228


331.6489,


 2.8275, 4.0462,

372.5337, 359.1735

2.4344


391.4733,
438.2038, 425.2571


 1.0632, 1.6994,
0.8051


 0.0000, 0.4233,
0.0000


 72.4066, 84.8618,
75.5145


 72.4066, 84.8618,
75.5145


 62.9159, 80.3054,
59.9888

 83.4580, 90.1729,
93.5892

 54.9090, 76.4593,
46.8922

 92.2474, 94.3949,
107.9658

 48.3132, 73.2910,
36.1035

 43.0467, 70.7612,
27.4891

■ 39.0193, 68.8267,
20.9014

■ 36.1297, 67.4386,
16.1748

■ 34.2606, 66.5408,
13.1176

■ 33.2695, 66.0648,
11.4964

■ 32.9575, 65.9149,
10.9859

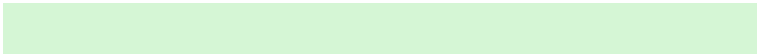
Harmonies

Analogous

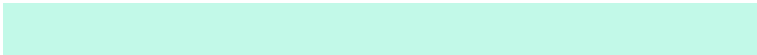
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4764, 84.8618, 67.2452



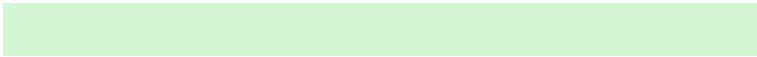
72.4066, 84.8618, 75.5145



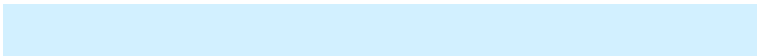
70.5588, 84.8618, 89.0678

Triad

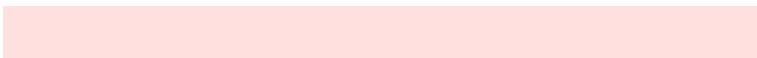
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4066, 84.8618, 75.5145



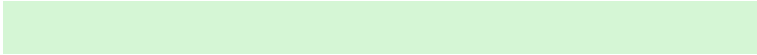
79.4865, 84.8618, 126.0394



90.7834, 84.8618, 80.7376

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.4066, 84.8618, 75.5145



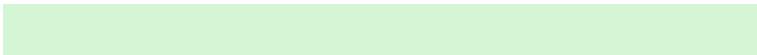
78.4379, 73.8372, 97.3107

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6789, 84.8618, 95.8145



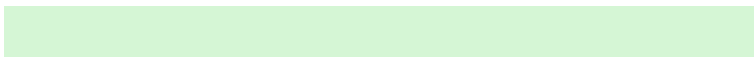
72.4066, 84.8618, 75.5145



84.9906, 84.8618, 123.1557

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



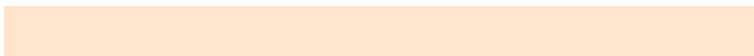
72.4066, 84.8618, 75.5145



74.5243, 84.8618, 119.1153



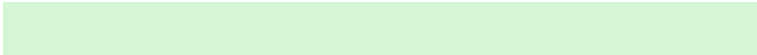
89.5149, 84.8618, 111.6320



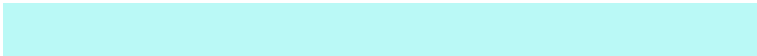
87.1206, 84.8618, 70.0115

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4066, 84.8618, 75.5145



70.7727, 84.8618, 99.7545



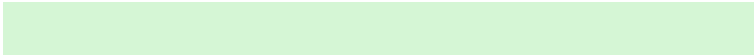
89.5149, 84.8618, 111.6320



91.4247, 84.8618, 85.4163

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.4089, 84.8654, 75.5164



89.7974, 97.4769, 100.3084



82.9758, 90.3129, 76.0106



19.0157, 20.7658, 21.1354



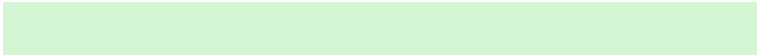
0.0000, 0.0000, 0.0000



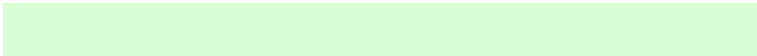
20.3446, 21.4041, 23.3091

Same Dimension

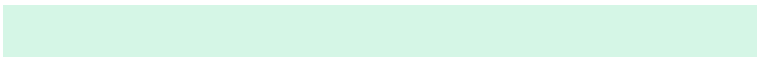
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4089, 84.8654, 75.5164



75.7132, 90.7115, 77.2713



74.6117, 85.7465, 87.1161



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.4379, 73.8372, 97.3107



83.3871, 76.6744, 105.0119



76.0159, 72.8684, 84.5564



17.2137, 16.7683, 20.8719



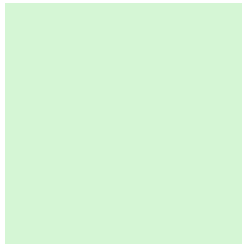
29.1648, 14.0093, 47.7035



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 72.4066, 84.8618, 75.5145 looks on a white background.

Color Contrast Check

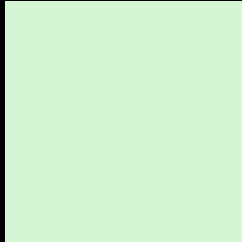
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.4066, 84.8618, 75.5145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

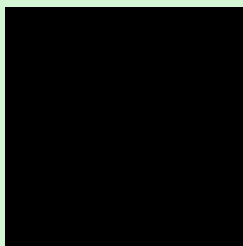
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

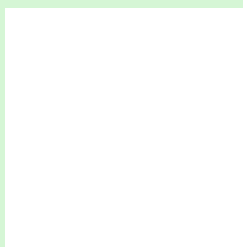
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4066, 84.8618, 75.5145

Background



This preview shows how black text looks on a background with the XYZ color 72.4066, 84.8618, 75.5145.



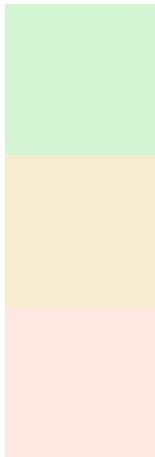
This preview shows how white text looks on a background with the XYZ color 72.4066, 84.8618,

75.5145.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.4066, 84.8618, 75.5145

Protanopia

80.0920, 84.5014, 71.7636

Deuteranopia

83.6872, 84.4095, 83.1160



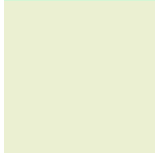
Tritanopia

79.3479, 84.6410, 106.7630

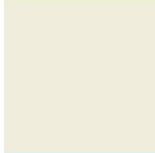
Trichromacy



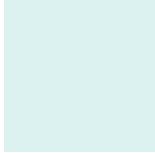
Original Color
72.4066, 84.8618, 75.5145



Protanomaly
77.0539, 84.6355, 73.2479

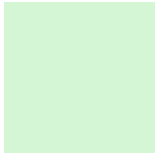


Deuteranomaly
79.2705, 84.3141, 80.5029

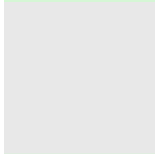


Tritanomaly
76.6937, 84.8556, 94.7747

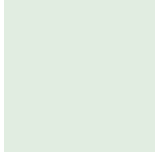
Monochromacy



Original Color
72.4066, 84.8618, 75.5145



Achromatopsia
76.7008, 80.6952, 87.8771



Achromatomaly
74.9261, 82.0122, 83.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4066, 84.8618, 75.5145 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(213, 246, 213) looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.4066, 84.8618, 75.5145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 246, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 246, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4066, 84.8618, 75.5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
246, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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