

Converting Colors

XYZ(72.7949, 83.3904, 75.3445)

Have a look what the booklet for
XYZ(72.7949, 83.3904, 75.3445)
contains.

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Color

**XYZ(72.6758, 83.2138,
75.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF2D5
RGB	218, 242, 213
RGB Percent	85%, 95%, 84%
CMY	0.1451, 0.0510, 0.1647
CMYK	0.10, 0.00, 0.12, 0.05
HSL	110°, 53%, 89%
HSV	110°, 12%, 95%
XYZ	72.6758, 83.2138, 75.1822
YIQ	231.5180, -4.9950, -14.1070

Conversions

Conversions Part 2

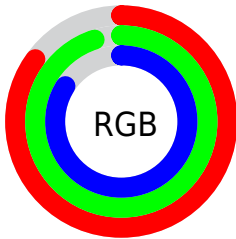
Format	Color
R_{YB}	213, 242, 237
Decimal	14349013
CIE _{Lab}	93.11, -13.08, 11.34
CIE _{LCh}	93, 17.313, 139.060
Yxy	83.2138, 0.3145, 0.3601
Android (android.graphics.Color)	4292539093 (0xFFDAF2D5)
YUV	231.5180, -9.1294, -11.8553
Hunter-Lab	91.2216, -17.4277, 14.9900

Details

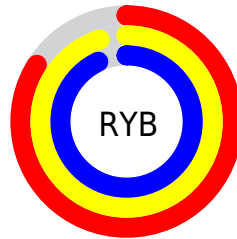
The XYZ color **72.6758, 83.2138, 75.1822** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.7496, 72.0061, 93.9676**, and the grayscale version is **76.4122, 80.3916, 87.5464**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8347, 45.3730, 39.0588** is the 20% darker color. If you saturate the color by 10%, you get **64.1989, 79.1750, 59.9298**, and if you desaturate by 10%, it is **82.3395, 87.8162, 92.8863**.

Distribution



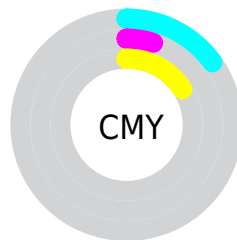
- Red (85%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)





- Cyan (15%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6758, 83.2138, 75.1822 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 72.6758, 83.2138, 75.1822 by changing the saturation by 10% instead.


 72.6758, 83.2138,
75.1822

 72.6758, 83.2138,
75.1822


459.0116,
505.6988, 497.8157

 53.9983, 62.3665,
55.2595


122.0225,
137.8749, 128.3197

 38.8310, 45.3289,
39.2096


153.4224,
172.4575, 162.3716

 26.8084, 31.7166,
26.6137

189.7939,
212.3873, 201.9704

 17.5652, 21.1451,
17.0534

231.5022,
258.0488, 247.5345

 10.7361, 13.2301,
10.1102

278.9128,
309.8262, 299.4826

 5.9556, 7.5872,
5.3656

332.3910,

 2.8585, 3.8320,

368.1041, 358.2331

2.4008

392.3022,
433.2669, 424.2046

■ 1.0794, 1.5800,
0.7869

■ 0.0078, 0.3441,
0.0000

■ 72.6758, 83.2138,
75.1822

■ 72.6758, 83.2138,
75.1822

■ 64.1989, 79.1750,
59.9298

■ 82.3395, 87.8162,
92.8863

■ 56.8561, 75.6679,
47.0158

■ 91.0438, 91.9876,
107.5646

■ 50.6006, 72.6732,
36.3263

■ 45.3800, 70.1666,
27.7357

■ 41.1372, 68.1217,
21.1057

■ 37.8094, 66.5095,
16.2815

■ 35.3262, 65.2976,
13.0852

■ 33.6063, 64.4486,
11.3026

■ 32.6970, 63.9938,
10.6287

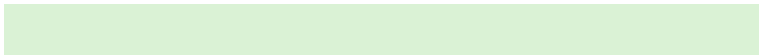
Harmonies

Analogous

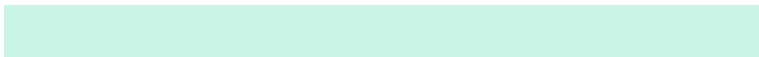
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2740, 83.2138, 68.9584



72.6758, 83.2138, 75.1822



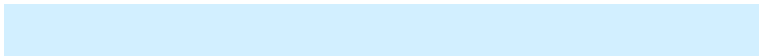
70.8224, 83.2138, 85.9405

Triad

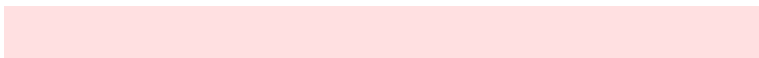
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6758, 83.2138, 75.1822



77.4460, 83.2138, 117.4530



87.6388, 83.2138, 82.6797

Complementary

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



72.6758, 83.2138, 75.1822



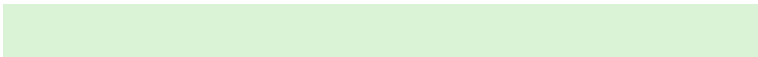
74.7496, 72.0061, 93.9676

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.



87.9820, 83.2138, 95.4367



72.6758, 83.2138, 75.1822



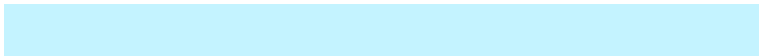
81.9790, 83.2138, 116.3665

Square

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



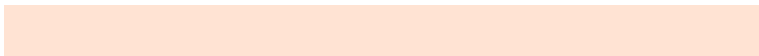
72.6758, 83.2138, 75.1822



73.5055, 83.2138, 110.8466



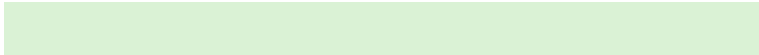
85.8756, 83.2138, 108.0062



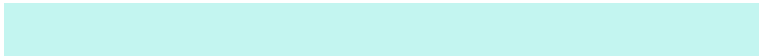
84.9551, 83.2138, 72.9922

Rectangle

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



72.6758, 83.2138, 75.1822



70.7762, 83.2138, 94.6021



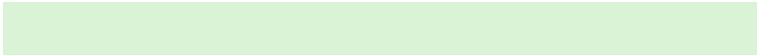
85.8756, 83.2138, 108.0062



88.0354, 83.2138, 86.7234

Sweetspot

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



72.6781, 83.2174, 75.1840



90.4130, 97.7943, 100.3371



78.8243, 84.0704, 75.0247



19.1708, 20.8457, 21.1426



0.0000, 0.0000, 0.0000



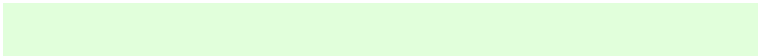
20.3446, 21.4041, 23.3091

Same Dimension

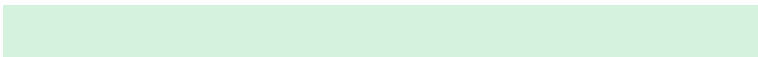
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6781, 83.2174, 75.1840



79.7787, 92.7309, 80.9192



72.4047, 82.9379, 81.4307



15.8198, 17.7873, 16.7492



17.6423, 34.4165, 5.7132



1.5401, 2.9005, 0.4787

Inverse Universe

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



74.7496, 72.0061, 93.9676



82.4720, 78.1512, 105.3457



75.0970, 72.3406, 86.9619



16.1713, 15.8855, 19.9355



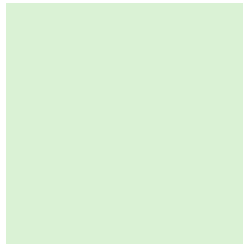
21.5498, 10.1148, 45.9444



1.8624, 0.8774, 3.8254

Previews

White Background



This preview shows how the XYZ color 72.6758, 83.2138, 75.1822 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 72.6758, 83.2138, 75.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

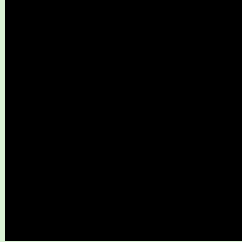
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

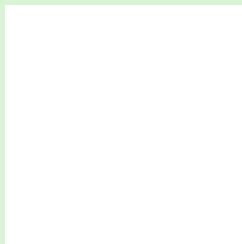
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6758, 83.2138, 75.1822

Background



This preview shows how black text looks on a background with the XYZ color 72.6758, 83.2138, 75.1822.



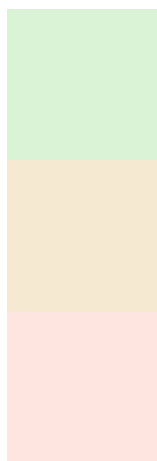
This preview shows how white text looks on a background with the XYZ color 72.6758, 83.2138,

75.1822.

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

72.6758, 83.2138, 75.1822

Protanopia

78.5876, 82.8616, 72.1735

Deuteranopia

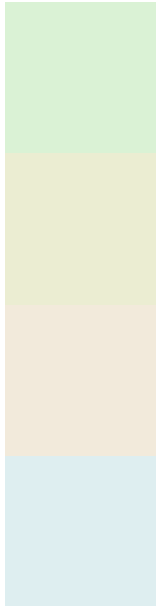
82.5786, 82.6263, 81.4082



Tritanopia

79.0968, 83.2185, 106.5017

Trichromacy



Original Color

72.6758, 83.2138, 75.1822

Protanomaly

76.1780, 82.8837, 72.9559

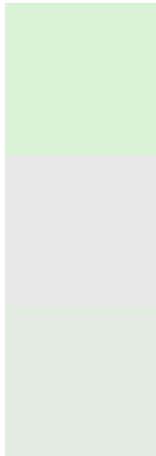
Deuteranomaly

78.8270, 82.8374, 78.8524

Tritanomaly

76.4269, 82.9699, 94.4247

Monochromacy



Original Color

72.6758, 83.2138, 75.1822

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2646, 81.7580, 83.0482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6758, 83.2138, 75.1822 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(218, 242, 213) looks like.

```
.text, #text, p{  
    color:rgb(218, 242, 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(218, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 242, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.6758, 83.2138, 75.1822 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(218, 242, 213) }
```


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

```
.border{ border-color:rgb(218, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 242,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6758, 83.2138, 75.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 242, 213) }
```

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

```
.background{ background-color: rgb(218,  
242, 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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