

Converting Colors

XYZ(73.0379, 85.8031, 75.4774)

Have a look what the booklet for
XYZ(73.0379, 85.8031, 75.4774)
contains.

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Color

**XYZ(73.0026, 85.6218,
75.6298)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F7D5
RGB	214, 247, 213
RGB Percent	84%, 97%, 84%
CMY	0.1608, 0.0314, 0.1647
CMYK	0.13, 0.00, 0.14, 0.03
HSL	118°, 68%, 90%
HSV	118°, 14%, 97%
XYZ	73.0026, 85.6218, 75.6298
YIQ	233.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

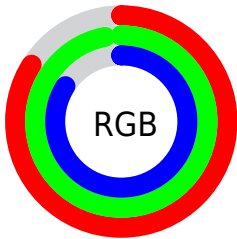
Format	Color
R _Y B	213, 247, 246
Decimal	14088149
CIE Lab	94.15, -16.89, 12.79
CIE LCh	94, 21.185, 142.856
Yxy	85.6218, 0.3116, 0.3655
Android (android.graphics.Color)	4292278229 (0xFFD6F7D5)
YUV	233.2570, -9.9867, -16.8884
Hunter-Lab	92.5320, -21.1046, 16.3126

Details

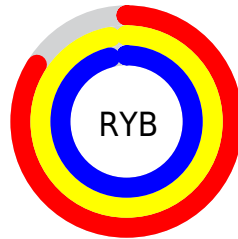
The XYZ color **73.0026, 85.6218, 75.6298** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.5922, 73.8991, 98.1218**, and the grayscale version is **77.7253, 81.7731, 89.0509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1004, 47.1012, 39.3784** is the 20% darker color. If you saturate the color by 10%, you get **63.6140, 81.1194, 60.0523**, and if you desaturate by 10%, it is **83.9032, 90.8534, 93.7742**.

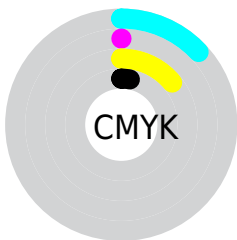
Distribution



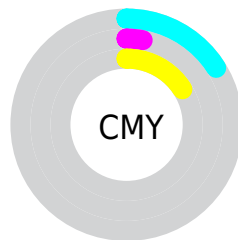
- Red (84%)
- Green (97%)
- Blue (84%)



- Red (84%)
- Yellow (97%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)




- Cyan (16%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0026, 85.6218, 75.6298 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 73.0026, 85.6218, 75.6298 by changing the saturation by 10% instead.


 73.0026, 85.6218,
75.6298

 73.0026, 85.6218,
75.6298

460.1275,
513.6833, 499.3925

 54.2665, 64.3553,
55.6242


122.4840,
141.2416, 128.9588

 39.0463, 46.9385,
39.4997

153.9600,
176.3637, 163.1192

 26.9766, 32.9870,
26.8379


190.4133,
216.8730, 202.8349

 17.6921, 22.1165,
17.2201

232.2094,
263.1541, 248.5245

 10.8275, 13.9425,
10.2280

279.7134,
315.5913, 300.6065

 6.0174, 8.0807,
5.4428

333.2909,

 2.8964, 4.1466,

374.5690, 359.4995

2.4461

393.3071,
440.4715, 425.6220

■ 1.0992, 1.7559,
0.8114

■ 0.0245, 0.4595,
0.0000

■ 73.0026, 85.6218,
75.6298

■ 73.0026, 85.6218,
75.6298

■ 63.6140, 81.1194,
60.0523

■ 83.9032, 90.8534,
93.7742

■ 55.6642, 77.3035,
46.9205

■ 92.5524, 95.0049,
108.0675

■ 49.0841, 74.1438,
36.1121

■ 43.7964, 71.6032,
27.4917

■ 39.7160, 69.6411,
20.9103

■ 36.7477, 68.2121,
16.1999

■ 34.7820, 67.2638,
13.1663

■ 33.6870, 66.7334,
11.5723

■ 33.3533, 66.5717,
11.0917

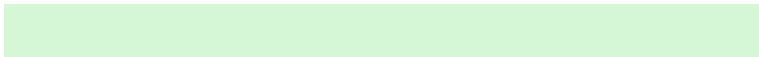
Harmonies

Analogous

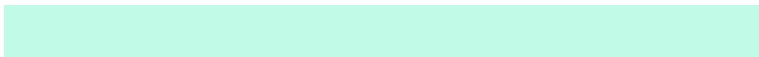
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2226, 85.6218, 67.3326



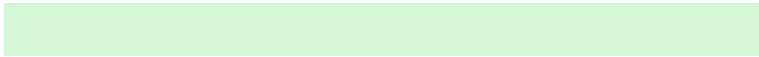
73.0026, 85.6218, 75.6298



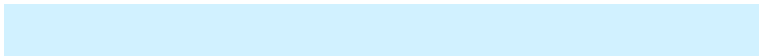
71.0434, 85.6218, 89.4014

Triad

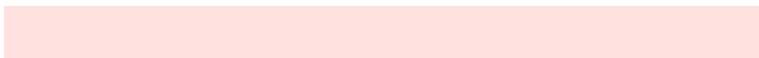
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0026, 85.6218, 75.6298



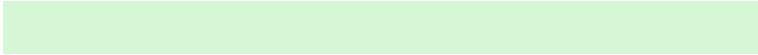
80.0337, 85.6218, 127.7366



91.8376, 85.6218, 81.6269

Complementary

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



73.0026, 85.6218, 75.6298



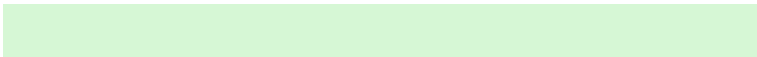
78.5922, 73.8991, 98.1218

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.



92.6756, 85.6218, 97.1615



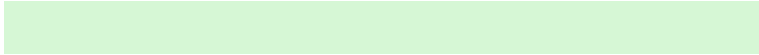
73.0026, 85.6218, 75.6298



85.6860, 85.6218, 125.0328

Square

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



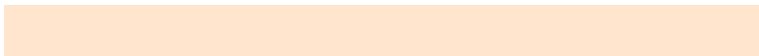
73.0026, 85.6218, 75.6298



74.9788, 85.6218, 120.3735



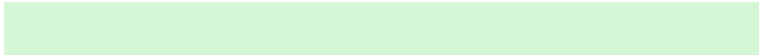
90.3770, 85.6218, 113.3631



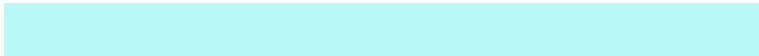
88.1375, 85.6218, 70.5043

Rectangle

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



73.0026, 85.6218, 75.6298



71.2157, 85.6218, 100.3432



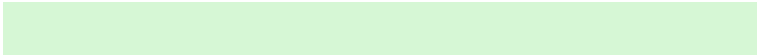
90.3770, 85.6218, 113.3631



92.4702, 85.6218, 86.4566

Sweetspot

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



73.0049, 85.6255, 75.6317



89.9019, 97.5308, 100.3132



83.2871, 90.4131, 76.0139



19.0420, 20.7793, 21.1366



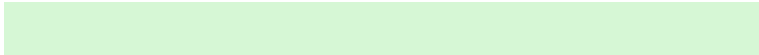
0.0000, 0.0000, 0.0000



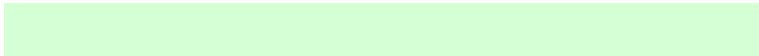
20.3446, 21.4041, 23.3091

Same Dimension

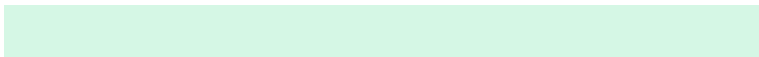
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0049, 85.6255, 75.6317



75.0182, 90.3906, 75.5494



74.8283, 86.3212, 86.7516



16.3272, 18.4952, 17.5070



17.6590, 35.2164, 5.8667



1.5676, 3.1032, 0.5164

Inverse Universe

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



78.5922, 73.8991, 98.1218



82.2788, 75.1513, 104.7768



76.5976, 73.1419, 85.7836



17.1626, 16.7420, 20.8695



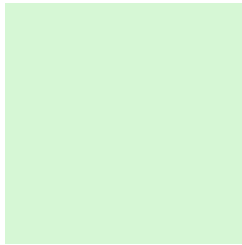
27.8595, 13.3364, 47.6439



2.4635, 1.1798, 4.1881

Previews

White Background



This preview shows how the XYZ color 73.0026, 85.6218, 75.6298 looks on a white background.

Color Contrast Check

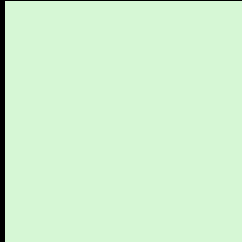
Large Text (above 18pt) WCAG AA × Fail

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 73.0026, 85.6218, 75.6298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

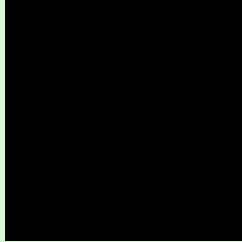
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

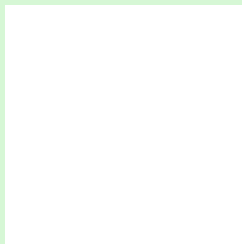
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0026, 85.6218, 75.6298

Background



This preview shows how black text looks on a background with the XYZ color 73.0026, 85.6218, 75.6298.



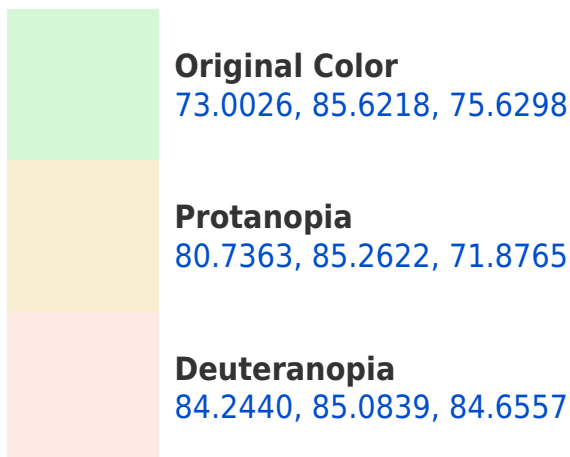
This preview shows how white text looks on a background with the XYZ color 73.0026, 85.6218,

75.6298.

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





Tritanopia

80.2614, 85.5477, 106.8899

Trichromacy



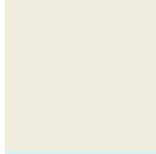
Original Color

73.0026, 85.6218, 75.6298



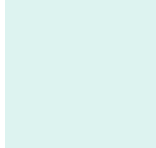
Protanomaly

77.6802, 85.3966, 73.3618



Deuteranomaly

79.6945, 84.9483, 81.3035



Tritanomaly

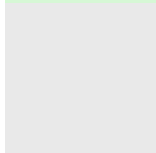
77.5976, 85.7646, 94.9025

Monochromacy



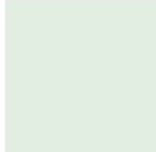
Original Color

73.0026, 85.6218, 75.6298



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.6660, 82.8088, 83.9472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0026, 85.6218, 75.6298 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(214, 247, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 247, 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(214, 247, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 247, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.0026, 85.6218, 75.6298 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(214, 247, 213) }
```


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

```
.border{ border-color:rgb(214, 247, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 247, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 247, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 247, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 247,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0026, 85.6218, 75.6298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 247, 213) }
```

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

```
.background{ background-color: rgb(214,  
247, 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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