

Converting Colors

XYZ(66.1262, 73.5407, 81.3203)

Have a look what the booklet for
XYZ(66.1262, 73.5407, 81.3203)
contains.

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Color

**XYZ(66.0998, 73.7060,
81.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE4E0
RGB	204, 228, 224
RGB Percent	80%, 89%, 88%
CMY	0.2000, 0.1059, 0.1216
CMYK	0.11, 0.00, 0.02, 0.11
HSL	170°, 31%, 85%
HSV	170°, 11%, 89%
XYZ	66.0998, 73.7060, 81.2639
YIQ	220.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

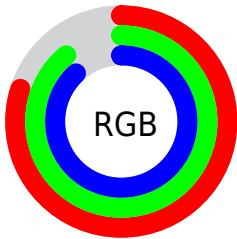
Format	Color
RYB	204, 217, 228
Decimal	13427936
CIELab	88.78, -8.67, -0.76
CIELCh	89, 8.699, 184.980
Yxy	73.7060, 0.2990, 0.3334
Android (android.graphics.Color)	4291618016 (0xFFCCE4E0)
YUV	220.3680, 1.7906, -14.3547
Hunter-Lab	85.8522, -12.8096, 3.9752

Details

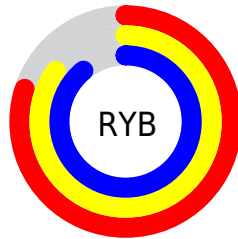
The XYZ color **66.0998, 73.7060, 81.2639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9756, 64.2357, 68.6520**, and the grayscale version is **68.2807, 71.8366, 78.2300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6827, 39.2357, 43.2814** is the 20% darker color. If you saturate the color by 10%, you get **59.7927, 70.5155, 78.3078**, and if you desaturate by 10%, it is **73.3375, 77.3789, 84.3268**.

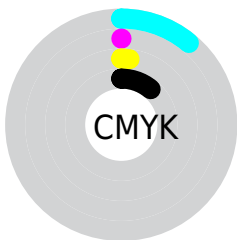
Distribution



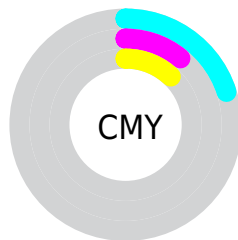
- Red (80%)
- Green (89%)
- Blue (88%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0998, 73.7060, 81.2639 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 66.0998, 73.7060, 81.2639 by changing the saturation by 10% instead.

66.0998, 73.7060,
81.2639

66.0998, 73.7060,
81.2639

436.2167,
473.4581, 519.0008

48.6214, 54.5534,
60.2267

112.6865,
124.4790, 136.9687

34.5326, 39.0443,
43.1749

142.5255,
156.8681, 172.4733

23.4678, 26.7942,
29.6899

177.2155,
194.4383, 213.6375

15.0619, 17.4187,
19.3533

217.1217,
237.5739, 260.8798

8.9495, 10.5335,
11.7465

262.6096,
286.6593, 314.6187

4.7651, 5.7541,
6.4508

314.0445,

2.1434, 2.6961,

342.0788, 375.2728

3.0479

371.7918,
404.2170, 443.2607

■ 0.7127, 0.9752,
1.1192

■ 0.0000, 0.0000,
0.0000

■ 66.0998, 73.7060,
81.2639

■ 66.0998, 73.7060,
81.2639

■ 59.7927, 70.5155,
78.3078

■ 73.3375, 77.3789,
84.3268

■ 54.3703, 67.7778,
75.4514


■ 81.5367, 81.5442,
87.4939


■ 49.7920, 65.4739,
72.6940


■ 84.0395, 82.7714,
90.4553


■ 46.0118, 63.5801,
70.0329


■ 84.5962, 82.9941,
93.3869


 42.9792, 62.0704,
67.4655

 85.1648, 83.2216,
96.3809


 40.6376, 60.9157,
64.9887


 85.7452, 83.4537,
99.4376


 38.9226, 60.0827,
62.5990

 86.3377, 83.6907,
102.5572

 37.7573, 59.5318,
60.2925

 86.9421, 83.9325,
105.7403

 37.0366, 59.2063,
58.1782

 87.0348, 83.9696,
106.2283

Harmonies

Analogous

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



66.4511, 73.7060, 75.4497



66.0998, 73.7060, 81.2639



66.7909, 73.7060, 87.0843

Triad

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



66.0998, 73.7060, 81.2639



72.4016, 73.7060, 90.1311



71.7812, 73.7060, 70.2004

Complementary

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



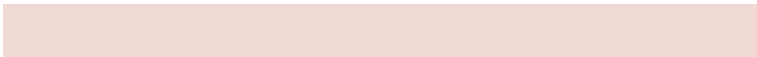
66.0998, 73.7060, 81.2639



64.9756, 64.2357, 68.6520

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.



73.4244, 73.7060, 73.7892



66.0998, 73.7060, 81.2639



73.7876, 73.7060, 85.2565

Square

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



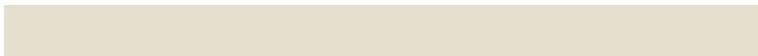
66.0998, 73.7060, 81.2639



70.4073, 73.7060, 92.3646



74.1656, 73.7060, 79.2511



69.7045, 73.7060, 69.2499

Rectangle

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



66.0998, 73.7060, 81.2639



67.7581, 73.7060, 90.1262



74.1656, 73.7060, 79.2511



72.4039, 73.7060, 71.1291

Sweetspot

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



66.1019, 73.7091, 81.2655



92.0866, 98.4959, 107.6926



64.7698, 73.3176, 67.8659



19.5449, 20.9982, 22.9820



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.



66.1019, 73.7091, 81.2655



83.0108, 93.8949, 103.7567



64.6060, 69.8381, 83.4774



14.6988, 16.2929, 17.9446



21.4233, 34.2014, 33.7929



1.6106, 2.5384, 2.6422

Inverse Universe

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



64.9756, 64.2357, 68.6520



81.2389, 78.9899, 83.9123



66.3401, 67.7432, 66.7071



14.4746, 14.4070, 15.4335



18.7065, 9.6168, 2.0833



1.4118, 0.7224, 0.3093

Previews

White Background



This preview shows how the XYZ color 66.0998, 73.7060, 81.2639 looks on a white background.

Color Contrast Check

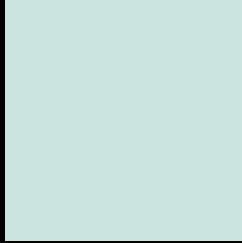
Large Text (above 18pt) WCAG AA × Fail

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 66.0998, 73.7060, 81.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

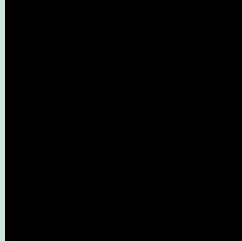
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

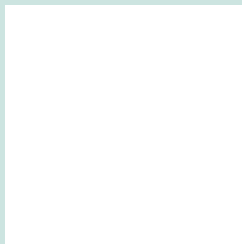
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0998, 73.7060, 81.2639

Background



This preview shows how black text looks on a background with the XYZ color 66.0998, 73.7060, 81.2639.



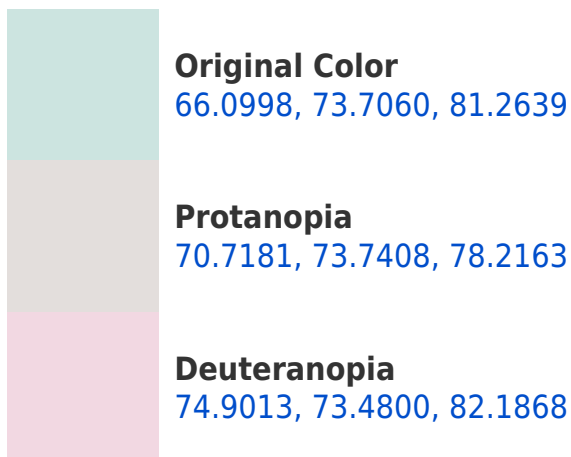
This preview shows how white text looks on a background with the XYZ color 66.0998, 73.7060,

81.2639.

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

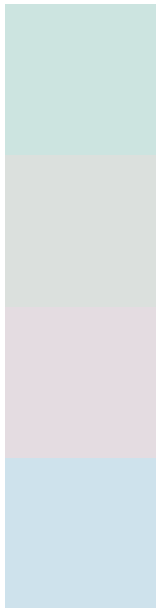




Tritanopia

68.8350, 73.5869, 95.3697

Trichromacy



Original Color

66.0998, 73.7060, 81.2639

Protanomaly

68.9202, 73.5918, 78.9788

Deuteranomaly

71.1787, 73.1166, 81.5956

Tritanomaly

67.7903, 73.5707, 89.9845

Monochromacy



Original Color

66.0998, 73.7060, 81.2639

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.1704, 72.2920, 78.8201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0998, 73.7060, 81.2639 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(204, 228, 224) looks like.

```
.text, #text, p{  
    color:rgb(204, 228, 224)  
}
```

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(204, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 228, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.0998, 73.7060, 81.2639 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(204, 228, 224) }
```


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

```
.border{ border-color:rgb(204, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(204, 228,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0998, 73.7060, 81.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 228, 224) }
```

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

```
.background{ background-color: rgb(204,  
228, 224) }
```

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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