

Converting Colors

XYZ(58.4288, 66.3601, 69.9719)

Have a look what the booklet for
XYZ(58.4288, 66.3601, 69.9719)
contains.

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Color

**XYZ(58.5784, 66.4730,
70.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BBD1
RGB	192, 219, 209
RGB Percent	75%, 86%, 82%
CMY	0.2471, 0.1412, 0.1804
CMYK	0.12, 0.00, 0.05, 0.14
HSL	158°, 27%, 81%
HSV	158°, 12%, 86%
XYZ	58.5784, 66.4730, 70.0648
YIQ	209.7870, -12.8820, -8.8340

Conversions

Conversions Part 2

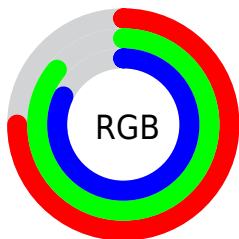
Format	Color
RYB	192, 209, 219
Decimal	12639185
CIELab	85.24, -10.86, 1.88
CIElCh	85, 11.025, 170.184
Yxy	66.4730, 0.3002, 0.3407
Android (android.graphics.Color)	4290829265 (0xFFC0DBD1)
YUV	209.7870, -0.3880, -15.5992
Hunter-Lab	81.5310, -14.4305, 6.1200

Details

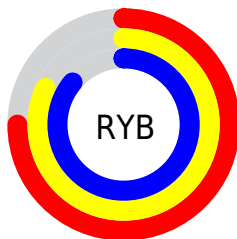
The XYZ color **58.5784, 66.4730, 70.0648** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7261, 57.0253, 63.7920**, and the grayscale version is **61.1290, 64.3124, 70.0362**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.6731, 34.3208, 36.0710** is the 20% darker color. If you saturate the color by 10%, you get **52.4618, 63.4347, 64.6688**, and if you desaturate by 10%, it is **65.5751, 69.9627, 75.7718**.

Distribution



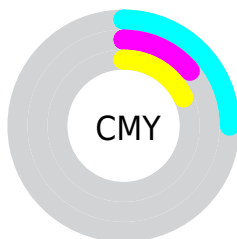
- Red (75%)
- Green (86%)
- Blue (82%)



- Red (75%)
- Yellow (82%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5784, 66.4730, 70.0648 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 58.5784, 66.4730, 70.0648 by changing the saturation by 10% instead.

■ 58.5784, 66.4730,
70.0648

■ 58.5784, 66.4730,
70.0648

409.2569,
448.0666, 479.5728

■ 42.5189, 48.6565,
51.1022

■ 101.8828,
114.1649, 120.9831

■ 29.7007, 34.3471,
35.9127

129.8584,
144.8092, 153.7760

■ 19.7585, 23.1603,
24.0776

162.5367,
180.4981, 192.0160

■ 12.3268, 14.7119,
15.1785

200.2832,
221.6160, 236.1218

■ 7.0404, 8.6175,
8.7967

243.4630,
268.5475, 286.5118

■ 3.5340, 4.4925,
4.5138

292.4417,

■ 1.4420, 1.9527,

321.6768, 343.6046

1.9113

347.5846,
381.3884, 407.8187

■ 0.2859, 0.5798,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 58.5784, 66.4730,
70.0648

■ 58.5784, 66.4730,
70.0648

■ 52.4618, 63.4347,
64.6688

■ 65.5751, 69.9627,
75.7718

■ 47.1825, 60.8205,
59.5738

■ 73.4811, 73.9134,
81.7909

■ 42.7027, 58.6126,
54.7752

■ 81.3295, 77.8283,
88.0819

■ 38.9792, 56.7890,
50.2671

■ 82.5178, 78.3036,
94.3396

■ 35.9647, 55.3253,
46.0429

■ 83.7602, 78.8005,
100.8818

■ 33.6062, 54.1944,
42.0958

■ 84.6228, 79.1456,
105.4243

■ 31.8429, 53.3650,
38.4186

■ 30.6019, 52.7995,
35.0033

■ 29.9112, 52.4969,
32.5539

Harmonies

Analogous

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



59.5732, 66.4730, 63.9464



58.5784, 66.4730, 70.0648



58.7916, 66.4730, 77.2138

Triad

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



58.5784, 66.4730, 70.0648



64.8474, 66.4730, 86.0285



66.2968, 66.4730, 62.3462

Complementary

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



58.5784, 66.4730, 70.0648



58.7261, 57.0253, 63.7920

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.



67.7827, 66.4730, 67.7480



58.5784, 66.4730, 70.0648



66.9307, 66.4730, 81.5196

Square

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



58.5784, 66.4730, 70.0648



62.3677, 66.4730, 86.7503



68.0177, 66.4730, 74.7411



64.0005, 66.4730, 59.6875

Rectangle

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



58.5784, 66.4730, 70.0648



59.5922, 66.4730, 81.5928



68.0177, 66.4730, 74.7411



66.9102, 66.4730, 63.8841

Sweetspot

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



58.5803, 66.4758, 70.0663



90.7940, 97.8755, 105.5564



59.3001, 67.0773, 59.6919



19.2673, 20.8664, 22.4606



0.0000, 0.0000, 0.0000



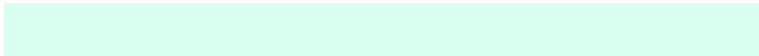
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5803, 66.4758, 70.0663



80.1529, 92.5742, 96.7304



59.0441, 65.3586, 76.5247



13.2296, 14.7435, 15.6721



17.7896, 31.1485, 19.5892



1.1936, 2.0344, 1.4855

Inverse Universe

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



58.7261, 57.0253, 63.7920



80.4009, 76.5219, 86.0744



58.2787, 57.9651, 57.9869



13.2545, 13.1309, 14.6014



18.2543, 9.3028, 5.7192



1.2234, 0.6190, 0.5855

Previews

White Background



This preview shows how the XYZ color 58.5784, 66.4730, 70.0648 looks on a white background.

Color Contrast Check

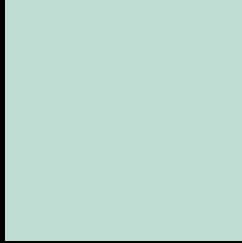
Large Text (above 18pt) WCAG AA × Fail

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 58.5784, 66.4730, 70.0648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

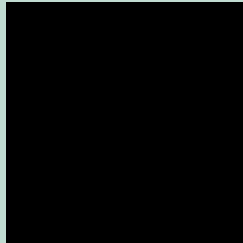
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

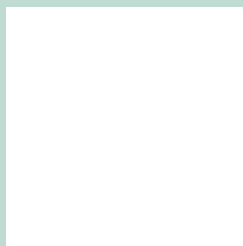
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5784, 66.4730, 70.0648

Background



This preview shows how black text looks on a background with the XYZ color 58.5784, 66.4730, 70.0648.

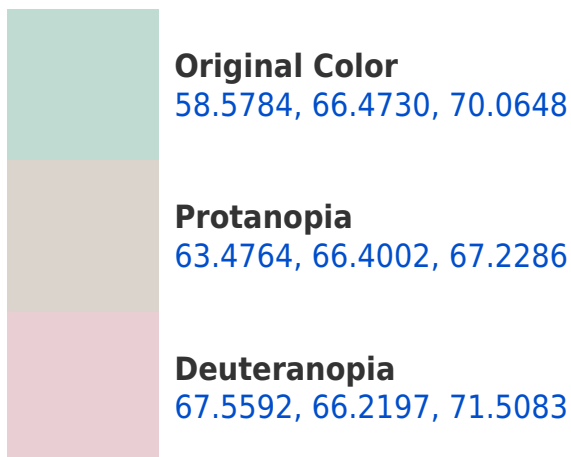


This preview shows how white text looks on a background with the XYZ color 58.5784, 66.4730,

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

61.7734, 66.2198, 86.6167

Trichromacy



Original Color

58.5784, 66.4730, 70.0648

Protanomaly

61.7355, 66.6124, 67.9962

Deuteranomaly

63.9656, 66.1971, 71.0340

Tritanomaly

60.5161, 66.0957, 80.0892

Monochromacy



Original Color

58.5784, 66.4730, 70.0648

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.0557, 64.9382, 70.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5784, 66.4730, 70.0648 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(192, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 209)  
}
```

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(192, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.5784, 66.4730, 70.0648 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(192, 219, 209) }
```


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

```
.border{ border-color:rgb(192, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(192, 219,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5784, 66.4730, 70.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 209) }
```

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

```
.background{ background-color: rgb(192,  
219, 209) }
```

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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