

Converting Colors

XYZ(58.8725, 66.5470, 75.5392)

Have a look what the booklet for
XYZ(58.8725, 66.5470, 75.5392)
contains.

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Color

**XYZ(58.8422, 66.4916,
75.3785)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBD9
RGB	189, 219, 217
RGB Percent	74%, 86%, 85%
CMY	0.2588, 0.1412, 0.1490
CMYK	0.14, 0.00, 0.01, 0.14
HSL	176°, 29%, 80%
HSV	176°, 14%, 86%
XYZ	58.8422, 66.4916, 75.3785
YIQ	209.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

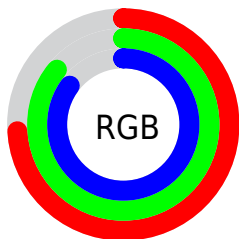
Format	Color
RYB	189, 205, 219
Decimal	12442585
CIELab	85.25, -10.27, -2.36
CIELCh	85, 10.535, 192.964
Yxy	66.4916, 0.2932, 0.3313
Android (android.graphics.Color)	4290632665 (0xFFBDDBD9)
YUV	209.8020, 3.5486, -18.2434
Hunter-Lab	81.5424, -13.8909, 2.2715

Details

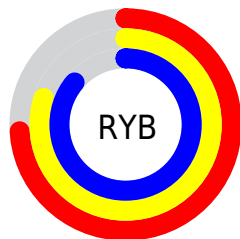
The XYZ color **58.8422, 66.4916, 75.3785** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.8174, 55.2187, 56.9569**, and the grayscale version is **61.1158, 64.2986, 70.0212**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.7887, 34.3105, 39.2350** is the 20% darker color. If you saturate the color by 10%, you get **53.6258, 63.8261, 74.1473**, and if you desaturate by 10%, it is **64.8845, 69.5862, 76.6600**.

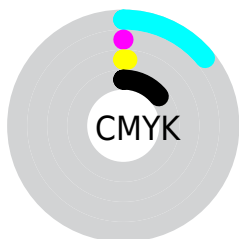
Distribution



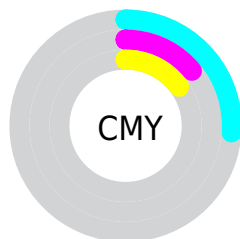
- Red (74%)
- Green (86%)
- Blue (85%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8422, 66.4916, 75.3785 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 58.8422, 66.4916, 75.3785 by changing the saturation by 10% instead.

■ 58.8422, 66.4916,
75.3785

■ 58.8422, 66.4916,
75.3785

410.2203,
448.1330, 498.5076

■ 42.7320, 48.6716,
55.4194

■ 102.2642,
114.1916, 128.6000

■ 29.8685, 34.3590,
39.3368

130.3067,
144.8404, 162.6996

■ 19.8864, 23.1696,
26.7120

163.0574,
180.5343, 202.3497

■ 12.4203, 14.7188,
17.1265

200.8816,
221.6575, 247.9689

■ 7.1048, 8.6222,
10.1618

244.1446,
268.5947, 299.9757

■ 3.5746, 4.4956,
5.3994

293.2118,

■ 1.4644, 1.9545,

321.7300, 358.7888

2.4206

348.4486,
381.4480, 424.8266

■ 0.3014, 0.5808,
0.7976

■ 0.0000, 0.0000,
0.0000

■ 58.8422, 66.4916,
75.3785

■ 58.8422, 66.4916,
75.3785

■ 53.6258, 63.8261,
74.1473

■ 64.8845, 69.5862,
76.6600

■ 49.1927, 61.5625,
72.9601

■ 71.7812, 73.1193,
77.9888

■ 45.5056, 59.6832,
71.8166

■ 79.5666, 77.1104,
79.3681

■ 42.5216, 58.1661,
70.7147

■ 79.8718, 77.2451,
80.4062

■ 40.1933, 56.9870,
69.6522

■ 80.0697, 77.3242,
81.4482

■ 38.4678, 56.1184,
68.6266

■ 80.2692, 77.4041,
82.4991

■ 37.2838, 55.5287,
67.6350

■ 80.4705, 77.4846,
83.5591

■ 36.5670, 55.1797,
66.6739

■ 80.6735, 77.5658,
84.6281

■ 36.2778, 55.0435,
66.0804

■ 80.8783, 77.6477,
85.7061

Harmonies

Analogous

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



58.9225, 66.4916, 68.6253



58.8422, 66.4916, 75.3785



59.9078, 66.4916, 81.7038

Triad

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



58.8422, 66.4916, 75.3785



66.3691, 66.4916, 82.4199



64.5487, 66.4916, 60.5748

Complementary

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



58.8422, 66.4916, 75.3785



56.8174, 55.2187, 56.9569

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.



66.6070, 66.4916, 63.8271



58.8422, 66.4916, 75.3785



67.6760, 66.4916, 76.3066

Square

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



58.8422, 66.4916, 75.3785



64.2306, 66.4916, 85.9376



67.7642, 66.4916, 69.4972



62.1771, 66.4916, 60.3610

Rectangle

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



58.8422, 66.4916, 75.3785



61.1406, 66.4916, 84.7121



67.7642, 66.4916, 69.4972



65.3016, 66.4916, 61.3392

Sweetspot

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



58.8441, 66.4944, 75.3800



91.2870, 98.0727, 108.1526



56.1307, 65.4813, 57.8261



19.3924, 20.9165, 23.1193



0.0000, 0.0000, 0.0000



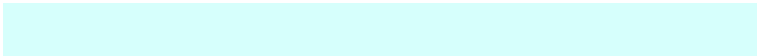
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8441, 66.4944, 75.3800



81.1644, 92.8920, 105.9771



55.9663, 60.3193, 75.7141



13.4054, 14.8138, 16.5977



21.5263, 32.6431, 39.2663



1.4061, 2.1194, 2.6047

Inverse Universe

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



56.8174, 55.2187, 56.9569



77.8517, 74.4602, 75.8628



59.4045, 60.7433, 56.7390



13.0911, 13.0655, 13.7411



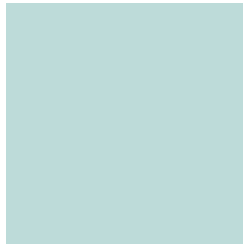
17.3860, 8.9554, 1.1466



1.1390, 0.5852, 0.1409

Previews

White Background



This preview shows how the XYZ color 58.8422, 66.4916, 75.3785 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 58.8422, 66.4916, 75.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

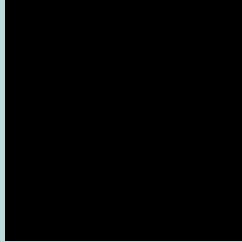
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8422, 66.4916, 75.3785

Background



This preview shows how black text looks on a background with the XYZ color 58.8422, 66.4916, 75.3785.



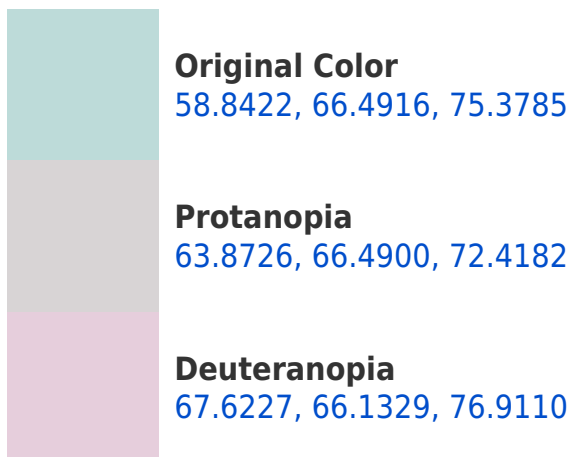
This preview shows how white text looks on a background with the XYZ color 58.8422, 66.4916,

75.3785.

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

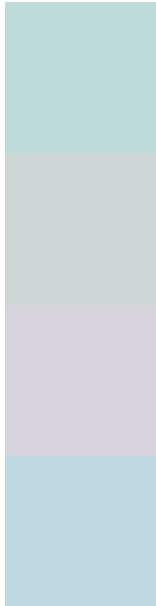




Tritanopia

61.1454, 66.2587, 87.4084

Trichromacy



Original Color

58.8422, 66.4916, 75.3785

Protanomaly

61.8916, 66.5777, 73.2071

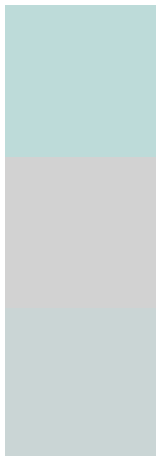
Deuteranomaly

64.1048, 66.1501, 76.4074

Tritanomaly

60.3023, 66.3035, 83.0184

Monochromacy



Original Color

58.8422, 66.4916, 75.3785

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1616, 64.9492, 72.3164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8422, 66.4916, 75.3785 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(189, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 217)  
}
```

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(189, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.8422, 66.4916, 75.3785 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(189, 219, 217) }
```


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

```
.border{ border-color:rgb(189, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8422, 66.4916, 75.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 217) }
```

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

```
.background{ background-color: rgb(189,  
219, 217) }
```

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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