

Converting Colors

XYZ(57.4403, 66.7468, 64.2035)

Have a look what the booklet for
XYZ(57.4403, 66.7468, 64.2035)
contains.

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Color

**XYZ(57.5170, 66.8302,
64.5116)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDDC8
RGB	190, 221, 200
RGB Percent	75%, 87%, 78%
CMY	0.2549, 0.1333, 0.2157
CMYK	0.14, 0.00, 0.10, 0.13
HSL	139°, 31%, 81%
HSV	139°, 14%, 87%
XYZ	57.5170, 66.8302, 64.5116
YIQ	209.3370, -11.7350, -13.1030

Conversions

Conversions Part 2

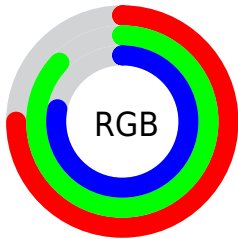
Format	Color
RYB	190, 213, 221
Decimal	12508616
CIELab	85.42, -14.23, 6.88
CIELCh	85, 15.805, 154.198
Yxy	66.8302, 0.3046, 0.3539
Android (android.graphics.Color)	4290698696 (0xFFBEDDC8)
YUV	209.3370, -4.6031, -16.9585
Hunter-Lab	81.7497, -17.4741, 10.4370

Details

The XYZ color **57.5170, 66.8302, 64.5116** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.9925, 56.9039, 69.4528**, and the grayscale version is **60.8605, 64.0300, 69.7287**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.9779, 34.5820, 32.3418** is the 20% darker color. If you saturate the color by 10%, you get **50.7452, 63.5335, 55.5040**, and if you desaturate by 10%, it is **65.3009, 70.6326, 74.4640**.

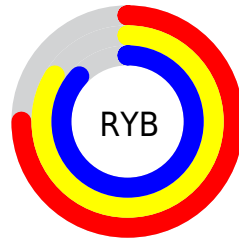
Distribution



Red (75%)

Green (87%)

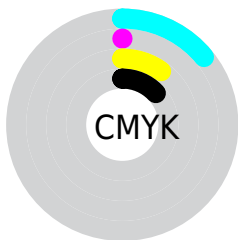
Blue (78%)



Red (75%)

Yellow (84%)

Blue (87%)

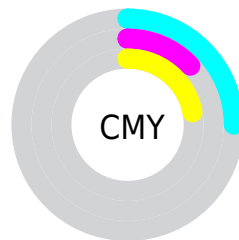


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (13%)



Cyan (25%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5170, 66.8302, 64.5116 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 57.5170, 66.8302, 64.5116 by changing the saturation by 10% instead.

■ 57.5170, 66.8302,
64.5116

■ 57.5170, 66.8302,
64.5116

405.3667,
449.3401, 459.2929

■ 41.6622, 48.9466,
46.6163

■ 100.3462,
114.6771, 112.9539

■ 29.0268, 34.5772,
32.3803

128.0513,
145.4092, 144.3381

■ 19.2455, 23.3373,
21.3849

160.4372,
181.1929, 181.0556

■ 11.9529, 14.8428,
13.2117

197.8693,
222.4127, 223.5251

■ 6.7836, 8.7091,
7.4420

240.7130,
269.4529, 272.1650

■ 3.3722, 4.5519,
3.6574

289.3335,

■ 1.3535, 1.9869,

322.6980, 327.3939

1.4394

344.0963,
382.5322, 389.6303

■ 0.2227, 0.5998,
0.1721

■ 0.0000, 0.0000,
0.0000

■ 57.5170, 66.8302,
64.5116

■ 57.5170, 66.8302,
64.5116

■ 50.7452, 63.5335,
55.5040

■ 65.3009, 70.6326,
74.4640

■ 44.9375, 60.7127,
47.4090

■ 74.1313, 74.9523,
85.3830

■ 40.0502, 58.3477,
40.1994

■ 83.5666, 79.5630,
97.2731

■ 36.0340, 56.4137,
33.8446

■ 85.1477, 80.1955,
105.5992

■ 32.8346, 54.8835,
28.3125

■ 30.3916, 53.7266,
23.5688

■ 28.6356, 52.9079,
19.5766

■ 27.4830, 52.3851,
16.2960

■ 27.0042, 52.1741,
14.6566

Harmonies

Analogous

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



59.7259, 66.8302, 57.6363



57.5170, 66.8302, 64.5116



56.8936, 66.8302, 74.2206

Triad

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



57.5170, 66.8302, 64.5116



64.0257, 66.8302, 94.2727



69.3907, 66.8302, 62.2305

Complementary

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



57.5170, 66.8302, 64.5116



59.9925, 56.9039, 69.4528

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.



70.6421, 66.8302, 71.3320



57.5170, 66.8302, 64.5116



67.4717, 66.8302, 90.3374

Square

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



57.5170, 66.8302, 64.5116



60.5682, 66.8302, 92.0159



69.9270, 66.8302, 81.6977



66.5664, 66.8302, 56.4087

Rectangle

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



57.5170, 66.8302, 64.5116



57.4407, 66.8302, 81.1577



69.9270, 66.8302, 81.6977



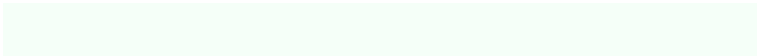
70.0140, 66.8302, 64.9750

Sweetspot

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



57.5188, 66.8330, 64.5131



90.3037, 97.6794, 102.9747



62.0698, 69.3098, 58.8228



19.1433, 20.8168, 21.8075



0.0000, 0.0000, 0.0000



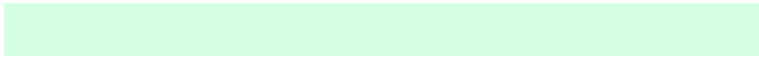
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5188, 66.8330, 64.5131



76.4877, 90.9359, 85.2084



59.4004, 67.5856, 74.4210



13.0588, 14.6751, 14.7724



15.7325, 30.3256, 8.7566



1.0579, 1.9801, 0.7711

Inverse Universe

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



59.9925, 56.9039, 69.4528



80.5759, 74.5241, 93.3706



58.1621, 56.1717, 59.8138



13.4264, 13.1997, 15.5067



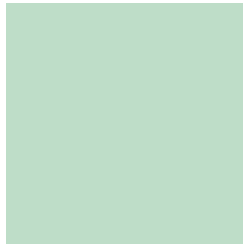
20.5608, 10.2254, 17.8649



1.3708, 0.6780, 1.3615

Previews

White Background



This preview shows how the XYZ color 57.5170, 66.8302, 64.5116 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 57.5170, 66.8302, 64.5116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

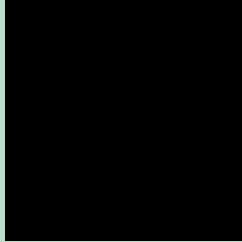
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

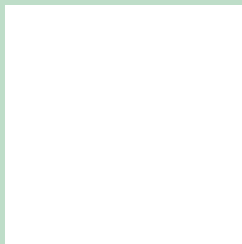
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5170, 66.8302, 64.5116

Background



This preview shows how black text looks on a background with the XYZ color 57.5170, 66.8302, 64.5116.

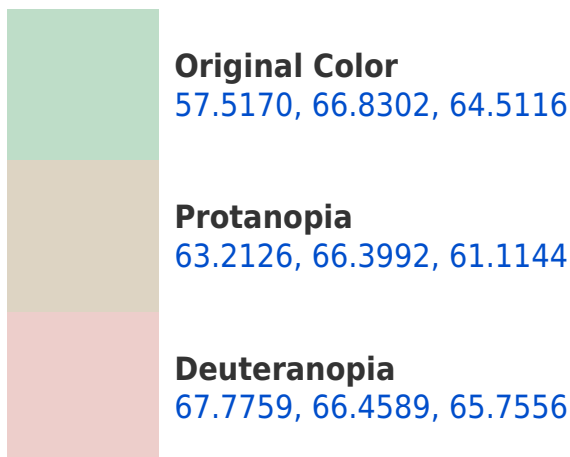


This preview shows how white text looks on a background with the XYZ color 57.5170, 66.8302,

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

62.0288, 66.7307, 86.7018

Trichromacy



Original Color

57.5170, 66.8302, 64.5116

Protanomaly

60.9568, 66.3337, 62.4142

Deuteranomaly

63.4701, 66.0684, 65.2844

Tritanomaly

60.3707, 66.8326, 78.1247

Monochromacy



Original Color

57.5170, 66.8302, 64.5116

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.2919, 64.6013, 67.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5170, 66.8302, 64.5116 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(190, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(190, 221, 200)  
}
```

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(190, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 221, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.5170, 66.8302, 64.5116 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(190, 221, 200) }
```


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

```
.border{ border-color:rgb(190, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(190, 221,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5170, 66.8302, 64.5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 221, 200) }
```

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

```
.background{ background-color: rgb(190,  
221, 200) }
```

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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