

Converting Colors

XYZ(57.6861, 63.8096, 65.6134)

Have a look what the booklet for
XYZ(57.6861, 63.8096, 65.6134)
contains.

XYZ(57.5997, 63.7706, 65.7730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.5997, 63.7706,
65.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D5CB
RGB	197, 213, 203
RGB Percent	77%, 84%, 80%
CMY	0.2274, 0.1647, 0.2039
CMYK	0.08, 0.00, 0.05, 0.16
HSL	142°, 16%, 80%
HSV	142°, 8%, 84%
XYZ	57.5997, 63.7706, 65.7730
YIQ	207.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

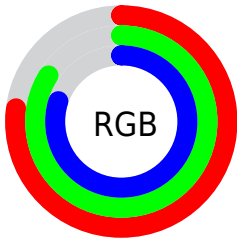
Format	Color
RYB	197, 209, 213
Decimal	12965323
CIELab	83.85, -7.25, 3.08
CIElCh	84, 7.879, 156.976
Yxy	63.7706, 0.3078, 0.3408
Android (android.graphics.Color)	4291155403 (0xFFC5D5CB)
YUV	207.0760, -2.0095, -8.8367
Hunter-Lab	79.8565, -10.9986, 7.0659

Details

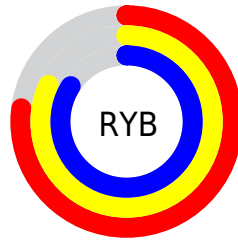
The XYZ color **57.5997, 63.7706, 65.7730** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6716, 58.5853, 67.2504**, and the grayscale version is **59.3741, 62.4662, 68.0257**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.9794, 32.4633, 33.1724** is the 20% darker color. If you saturate the color by 10%, you get **50.8925, 60.4903, 57.5295**, and if you desaturate by 10%, it is **65.2349, 67.5172, 74.7740**.

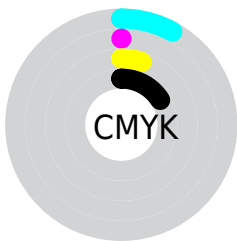
Distribution



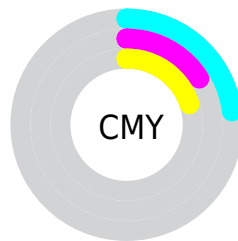
- Red (77%)
- Green (84%)
- Blue (80%)



- Red (77%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5997, 63.7706, 65.7730 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 57.5997, 63.7706, 65.7730 by changing the saturation by 10% instead.

■ 57.5997, 63.7706,
65.7730

■ 57.5997, 63.7706,
65.7730

405.6706,
438.3608, 463.9466

■ 41.7289, 46.4649,
47.6328

100.4660,
110.2805, 114.7844

■ 29.0793, 32.6128,
33.1783

128.1923,
140.2535, 146.4926

■ 19.2854, 21.8300,
21.9908

160.6011,
175.2177, 183.5607

■ 11.9819, 13.7321,
13.6519

198.0578,
215.5575, 226.4071

■ 6.8035, 7.9345,
7.7430

240.9277,
261.6573, 275.4503

■ 3.3847, 4.0531,
3.8455

289.5763,

■ 1.3603, 1.7033,

313.9015, 331.1090

1.5410

344.3688,
372.6746, 393.8016

■ 0.2277, 0.4258,
0.2482

■ 0.0000, 0.0000,
0.0000

■ 57.5997, 63.7706,
65.7730

■ 57.5997, 63.7706,
65.7730

■ 50.8925, 60.4903,
57.5295

■ 65.2349, 67.5172,
74.7740

■ 45.0717, 57.6497,
50.0198

■ 73.8269, 71.7391,
84.5471

■ 40.1002, 55.2320,
43.2249

■ 81.2048, 75.3187,
95.0084

■ 35.9365, 53.2163,
37.1237

■ 83.0855, 76.0709,
104.9118

■ 32.5351, 51.5795,
31.6938

■ 29.8461, 50.2963,
26.9116

■ 27.8132, 49.3383,
22.7522

■ 26.3706, 48.6720,
19.1887

■ 25.4297, 48.2523,
16.1916

Harmonies

Analogous

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



58.6318, 63.7706, 62.0942



57.5997, 63.7706, 65.7730



57.3675, 63.7706, 70.5997

Triad

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



57.5997, 63.7706, 65.7730



61.0173, 63.7706, 79.3347



63.3105, 63.7706, 63.8575

Complementary

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



57.5997, 63.7706, 65.7730



58.6716, 58.5853, 67.2504

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.



63.9766, 63.7706, 68.2838



57.5997, 63.7706, 65.7730



62.6364, 63.7706, 77.3334

Square

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



57.5997, 63.7706, 65.7730



59.3194, 63.7706, 78.5842



63.7276, 63.7706, 73.2312



61.9233, 63.7706, 61.0256

Rectangle

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



57.5997, 63.7706, 65.7730



57.6935, 63.7706, 73.8504



63.7276, 63.7706, 73.2312



63.6273, 63.7706, 65.1999

Sweetspot

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



57.6015, 63.7733, 65.7744



92.6894, 98.8419, 106.1326



59.6441, 64.9073, 62.2090



19.8641, 21.1684, 22.7458



0.0000, 0.0000, 0.0000



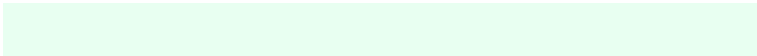
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6015, 63.7733, 65.7744



84.8805, 95.0144, 96.8146



58.5635, 64.1581, 70.8404



12.4531, 13.9722, 14.2003



15.4616, 29.4400, 9.7263



0.9721, 1.7915, 0.7947

Inverse Universe

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



58.6716, 58.5853, 67.2504



86.8060, 85.6795, 99.4701



57.7331, 58.2099, 62.3080



12.7464, 12.5501, 14.6048



19.4050, 9.6983, 14.7026



1.2100, 0.6008, 1.0950

Previews

White Background



This preview shows how the XYZ color 57.5997, 63.7706, 65.7730 looks on a white background.

Color Contrast Check

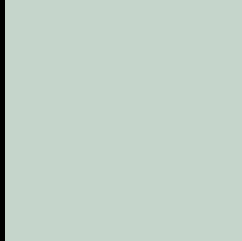
Large Text (above 18pt) WCAG AA × Fail

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 57.5997, 63.7706, 65.7730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

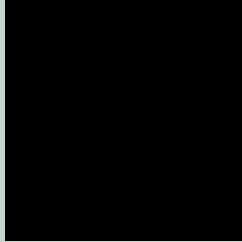
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

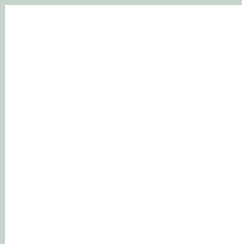
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5997, 63.7706, 65.7730

Background



This preview shows how black text looks on a background with the XYZ color 57.5997, 63.7706, 65.7730.

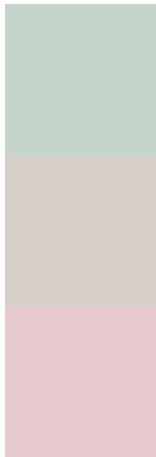


This preview shows how white text looks on a background with the XYZ color 57.5997, 63.7706,

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



Original Color

57.5997, 63.7706, 65.7730

Protanopia

61.0055, 63.7290, 63.7292

Deuteranopia

64.7731, 63.4718, 66.5950



Tritanopia

60.8615, 64.0017, 81.0973

Trichromacy



Original Color

57.5997, 63.7706, 65.7730

Protanomaly

59.6016, 63.7201, 64.4162

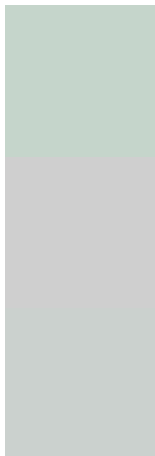
Deuteranomaly

61.8838, 63.4077, 66.1040

Tritanomaly

59.7686, 63.9298, 75.5192

Monochromacy



Original Color

57.5997, 63.7706, 65.7730

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5696, 62.7537, 67.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5997, 63.7706, 65.7730 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(197, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(197, 213, 203)  
}
```

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(197, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 213, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.5997, 63.7706, 65.7730 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(197, 213, 203) }
```


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

```
.border{ border-color:rgb(197, 213, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 213, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(197, 213,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5997, 63.7706, 65.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 213, 203) }
```

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

```
.background{ background-color: rgb(197,  
213, 203) }
```

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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