

Converting Colors

XYZ(57.4912, 64.5989, 67.0097)

Have a look what the booklet for
XYZ(57.4912, 64.5989, 67.0097)
contains.

XYZ(57.3122, 64.3461, 67.1570)	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(57.3122, 64.3461,
67.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7CD
RGB	193, 215, 205
RGB Percent	76%, 84%, 80%
CMY	0.2431, 0.1568, 0.1961
CMYK	0.10, 0.00, 0.05, 0.16
HSL	153°, 22%, 80%
HSV	153°, 10%, 84%
XYZ	57.3122, 64.3461, 67.1570
YIQ	207.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

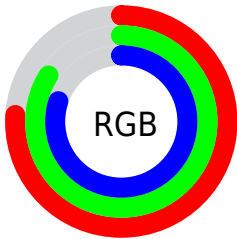
Format	Color
RYB	193, 207, 215
Decimal	12703693
CIELab	84.15, -9.25, 2.42
CIElCh	84, 9.558, 165.333
Yxy	64.3461, 0.3035, 0.3408
Android (android.graphics.Color)	4290893773 (0xFFC1D7CD)
YUV	207.2820, -1.1250, -12.5253
Hunter-Lab	80.2160, -12.8446, 6.5135

Details

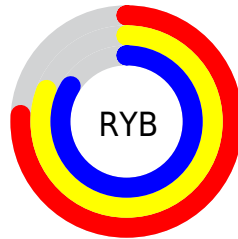
The XYZ color **57.3122, 64.3461, 67.1570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8761, 56.9004, 64.4353**, and the grayscale version is **59.5030, 62.6018, 68.1734**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.8042, 32.8649, 34.1036** is the 20% darker color. If you saturate the color by 10%, you get **51.0816, 61.2680, 60.8981**, and if you desaturate by 10%, it is **64.4170, 67.8699, 73.8444**.

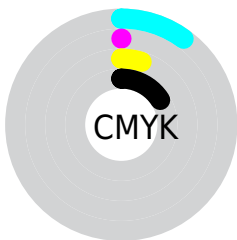
Distribution



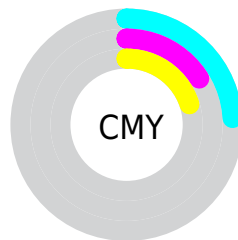
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3122, 64.3461, 67.1570 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 57.3122, 64.3461, 67.1570 by changing the saturation by 10% instead.

■ 57.3122, 64.3461,
67.1570

■ 57.3122, 64.3461,
67.1570

404.6134,
440.4384, 469.0201

■ 41.4971, 46.9311,
48.7498

■ 100.0493,
111.1092, 116.7881

■ 28.8971, 32.9812,
34.0569

127.7020,
141.2261, 148.8492

■ 19.1469, 22.1120,
22.6596

160.0313,
176.3457, 186.2986

■ 11.8811, 13.9392,
14.1394

197.4024,
216.8524, 229.5549

■ 6.7344, 8.0784,
8.0778

240.1809,
263.1306, 279.0367

■ 3.3414, 4.1452,
4.0563


288.7320,


■ 1.3368, 1.7551,

315.5648, 335.1624


1.6563


343.4210,
374.5392, 398.3507


 0.2105, 0.4589,
0.3305


 0.0000, 0.0000,
0.0000


 57.3122, 64.3461,
67.1570


 57.3122, 64.3461,
67.1570


 51.0816, 61.2680,
60.8981


 64.4170, 67.8699,
73.8444


 45.6842, 58.6093,
55.0546


 72.4240, 71.8484,
80.9643


 41.0838, 56.3532,
49.6193


 80.4397, 75.8225,
88.4828


 37.2391, 54.4787,
44.5826


 81.8860, 76.4010,
96.0986


 34.1051, 52.9627,
39.9349


 83.4110, 77.0110,
104.1291

 31.6318, 51.7796,
35.6660

 83.5917, 77.0833,
105.0806

 29.7622, 50.9002,
31.7651

 28.4289, 50.2899,
28.2206

 27.5278, 49.8938,
25.0891

Harmonies

Analogous

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



58.3148, 64.3461, 62.1966



57.3122, 64.3461, 67.1570



57.3239, 64.3461, 73.1841

Triad

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



57.3122, 64.3461, 67.1570



62.2397, 64.3461, 81.8931



64.0598, 64.3461, 62.1081

Complementary

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



57.3122, 64.3461, 67.1570



57.8761, 56.9004, 64.4353

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.



65.1615, 64.3461, 67.0299



57.3122, 64.3461, 67.1570



64.0943, 64.3461, 78.5640

Square

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



57.3122, 64.3461, 67.1570



60.1361, 64.3461, 81.9320



65.1743, 64.3461, 73.0495



62.1935, 64.3461, 59.3976

Rectangle

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



57.3122, 64.3461, 67.1570



57.9041, 64.3461, 77.0090



65.1743, 64.3461, 73.0495



64.5337, 64.3461, 63.5458

Sweetspot

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



57.3140, 64.3488, 67.1584



91.7364, 98.3559, 105.8485



58.6296, 65.1880, 59.9454



19.4502, 20.9604, 22.4835



0.0000, 0.0000, 0.0000



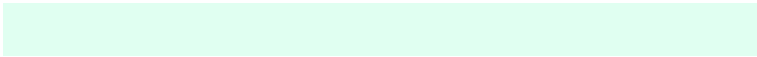
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3140, 64.3488, 67.1584



82.5150, 93.7875, 97.0422



58.3744, 64.4748, 73.6614



12.5429, 14.0082, 14.6733



16.5183, 29.8626, 15.2907



1.0378, 1.8178, 1.1409

Inverse Universe

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



57.8761, 56.9004, 64.4353



83.4817, 80.9779, 92.3594



56.8844, 56.7638, 58.4114



12.6557, 12.5138, 14.1269



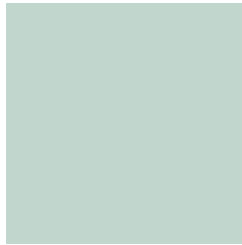
18.1254, 9.1865, 7.9641



1.1347, 0.5707, 0.6986

Previews

White Background



This preview shows how the XYZ color 57.3122, 64.3461, 67.1570 looks on a white background.

Color Contrast Check

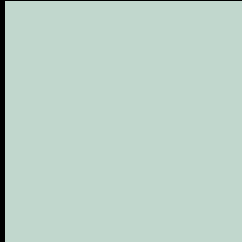
Large Text (above 18pt) WCAG AA × Fail

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 57.3122, 64.3461, 67.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

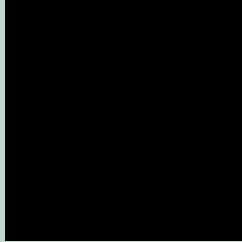
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

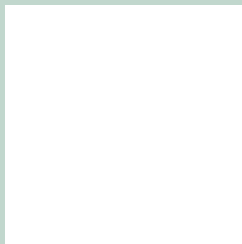
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3122, 64.3461, 67.1570

Background



This preview shows how black text looks on a background with the XYZ color 57.3122, 64.3461, 67.1570.

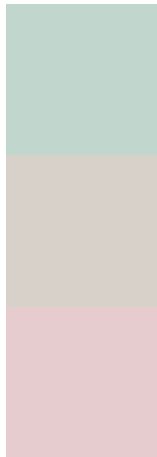


This preview shows how white text looks on a background with the XYZ color 57.3122, 64.3461,

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

57.3122, 64.3461, 67.1570

Protanopia

61.3674, 64.2650, 64.4283

Deuteranopia

65.2515, 64.0399, 67.9533



Tritanopia

60.3238, 64.0603, 82.5843

Trichromacy



Original Color

57.3122, 64.3461, 67.1570

Protanomaly

59.6871, 64.1182, 65.1073

Deuteranomaly

62.0687, 63.8336, 67.4423

Tritanomaly

59.2267, 63.9900, 76.9399

Monochromacy



Original Color

57.3122, 64.3461, 67.1570

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5443, 63.1060, 67.4876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3122, 64.3461, 67.1570 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(193, 215, 205)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 205)  
}
```

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(193, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.3122, 64.3461, 67.1570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

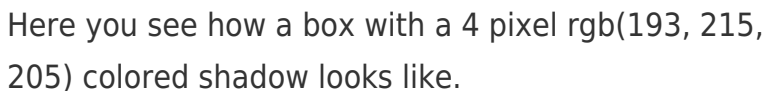
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 215, 205) }
```


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

```
.border{ border-color:rgb(193, 215, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 215, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3122, 64.3461, 67.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 205) }
```

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

```
.background{ background-color: rgb(193,  
215, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor