

Converting Colors

XYZ(57.1239, 63.3478, 65.9313)

Have a look what the booklet for
XYZ(57.1239, 63.3478, 65.9313)
contains.

XYZ(57.0794, 63.5024, 65.7487)	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(57.0794, 63.5024,
65.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CB
RGB	195, 213, 203
RGB Percent	76%, 84%, 80%
CMY	0.2353, 0.1647, 0.2039
CMYK	0.08, 0.00, 0.05, 0.16
HSL	147°, 18%, 80%
HSV	147°, 8%, 84%
XYZ	57.0794, 63.5024, 65.7487
YIQ	206.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

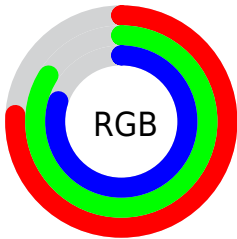
Format	Color
RYB	195, 207, 213
Decimal	12834251
CIELab	83.71, -7.92, 2.86
CIELCh	84, 8.425, 160.152
Yxy	63.5024, 0.3063, 0.3408
Android (android.graphics.Color)	4291024331 (0xFFC3D5CB)
YUV	206.4780, -1.7147, -10.0662
Hunter-Lab	79.6884, -11.5983, 6.8633

Details

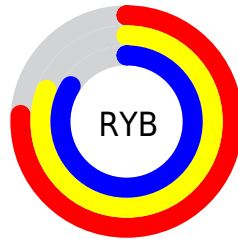
The XYZ color **57.0794, 63.5024, 65.7487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9774, 57.5857, 65.8200**, and the grayscale version is **58.9882, 62.0601, 67.5835**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.6362, 32.2864, 33.1564** is the 20% darker color. If you saturate the color by 10%, you get **50.6068, 60.3242, 58.3627**, and if you desaturate by 10%, it is **64.4484, 67.1338, 73.7414**.

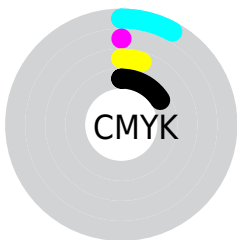
Distribution



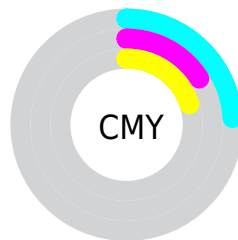
- Red (76%)
- Green (84%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0794, 63.5024, 65.7487 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 57.0794, 63.5024, 65.7487 by changing the saturation by 10% instead.

■ 57.0794, 63.5024,
65.7487

■ 57.0794, 63.5024,
65.7487

403.7561,
437.3905, 463.8573

■ 41.3094, 46.2478,
47.6132

■ 99.7117, 109.8940,
114.7491

■ 28.7496, 32.4414,
33.1629

127.3047,
139.7998, 146.4512

■ 19.0348, 21.6989,
21.9791

159.5695,
174.6913, 183.5125

■ 11.7996, 13.6358,
13.6434

196.8712,
214.9531, 226.3517

■ 6.6786, 7.8678,
7.7372

239.5754,
260.9696, 275.3872

■ 3.3065, 4.0105,
3.8419


288.0474,

■ 1.3178, 1.6794,


313.1250, 331.0376


1.5390


342.6525,
371.8039, 393.7214


 0.1965, 0.4103,
0.2467

 0.0000, 0.0000,
0.0000


 57.0794, 63.5024,
65.7487


 57.0794, 63.5024,
65.7487


 50.6068, 60.3242,
58.3627


 64.4484, 67.1338,
73.7414


 44.9897, 57.5731,
51.5651

 72.7419, 71.2273,
82.3502

 40.1920, 55.2326,
45.3427

 80.5427, 75.0538,
91.5220

 36.1730, 53.2819,
39.6800

 82.3445, 75.7746,
101.0102

■ 32.8881, 51.6984,
34.5611

■ 83.0855, 76.0709,
104.9118

■ 30.2880, 50.4569,
29.9691

■ 28.3172, 49.5292,
25.8863

■ 26.9104, 48.8821,
22.2936

■ 25.9704, 48.4657,
19.1697

Harmonies

Analogous

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



58.0970, 63.5024, 61.6603



57.0794, 63.5024, 65.7487



56.9299, 63.5024, 70.9508

Triad

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



57.0794, 63.5024, 65.7487



60.9850, 63.5024, 79.6410



63.1112, 63.5024, 62.7929

Complementary

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



57.0794, 63.5024, 65.7487



57.9774, 57.5857, 65.8200

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.



63.9192, 63.5024, 67.3668



57.0794, 63.5024, 65.7487



62.6751, 63.5024, 77.2085

Square

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



57.0794, 63.5024, 65.7487



59.1599, 63.5024, 79.1533



63.7580, 63.5024, 72.6528



61.5704, 63.5024, 60.0150

Rectangle

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



57.0794, 63.5024, 65.7487



57.3394, 63.5024, 74.3766



63.7580, 63.5024, 72.6528



63.4789, 63.5024, 64.1615

Sweetspot

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



57.0812, 63.5051, 65.7501



91.6144, 98.3071, 105.2064



58.8789, 64.5392, 60.9846



19.4173, 20.9472, 22.3103



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.



57.0812, 63.5051, 65.7501



84.0849, 94.6012, 96.9152



58.1605, 63.9368, 71.4339



12.4894, 13.9868, 14.3917



15.8363, 29.5899, 11.6997



0.9965, 1.8012, 0.9231

Inverse Universe

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



57.9774, 57.5857, 65.8200



85.6767, 84.0873, 97.0392



56.9442, 57.1724, 60.3790



12.7092, 12.5352, 14.4089



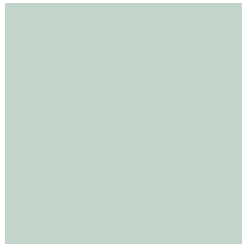
18.8243, 9.4660, 11.6447



1.1768, 0.5875, 0.9203

Previews

White Background



This preview shows how the XYZ color 57.0794, 63.5024, 65.7487 looks on a white background.

Color Contrast Check

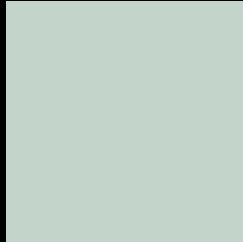
Large Text (above 18pt) WCAG AA × Fail

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 57.0794, 63.5024, 65.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

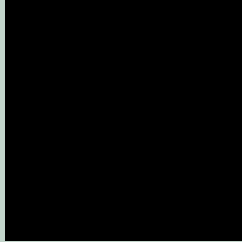
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

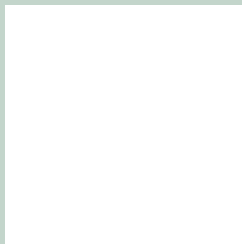
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0794, 63.5024, 65.7487

Background



This preview shows how black text looks on a background with the XYZ color 57.0794, 63.5024, 65.7487.



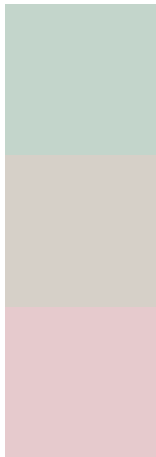
This preview shows how white text looks on a background with the XYZ color 57.0794, 63.5024,

65.7487.

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

57.0794, 63.5024, 65.7487

Protanopia

60.7128, 63.5780, 63.7155

Deuteranopia

64.7731, 63.4718, 66.5950



Tritanopia

60.3272, 63.7263, 81.0723

Trichromacy



Original Color

57.0794, 63.5024, 65.7487

Protanomaly

59.3213, 63.5756, 64.4031

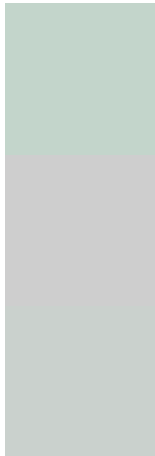
Deuteranomaly

61.5857, 63.2540, 66.0901

Tritanomaly

59.2379, 63.6563, 75.4944

Monochromacy



Original Color

57.0794, 63.5024, 65.7487

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1770, 62.5653, 66.7677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0794, 63.5024, 65.7487 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(195, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.0794, 63.5024, 65.7487 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(195, 213, 203) }
```


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

```
.border{ border-color:rgb(195, 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(195, 213, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0794, 63.5024, 65.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 203) }
```

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

```
.background{ background-color: rgb(195,  
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](#).

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