

Converting Colors

XYZ(57.5492, 64.4253, 68.4019)

Have a look what the booklet for
XYZ(57.5492, 64.4253, 68.4019)
contains.

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Color

**XYZ(57.5552, 64.4433,
68.4368)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7CF
RGB	193, 215, 207
RGB Percent	76%, 84%, 81%
CMY	0.2431, 0.1568, 0.1882
CMYK	0.10, 0.00, 0.04, 0.16
HSL	158°, 22%, 80%
HSV	158°, 10%, 84%
XYZ	57.5552, 64.4433, 68.4368
YIQ	207.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

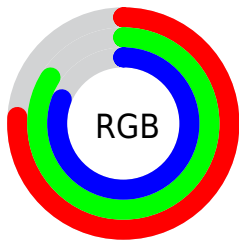
Format	Color
RYB	193, 206, 215
Decimal	12703695
CIELab	84.20, -8.87, 1.43
CIElCh	84, 8.983, 170.825
Yxy	64.4433, 0.3022, 0.3384
Android (android.graphics.Color)	4290893775 (0xFFC1D7CF)
YUV	207.5100, -0.2514, -12.7253
Hunter-Lab	80.2766, -12.5064, 5.6481

Details

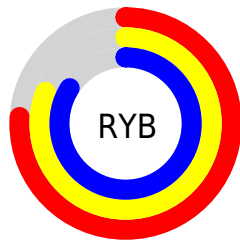
The XYZ color **57.5552, 64.4433, 68.4368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6392, 56.8056, 63.1879**, and the grayscale version is **59.6451, 62.7513, 68.3361**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.9680, 32.9305, 34.9664** is the 20% darker color. If you saturate the color by 10%, you get **51.5354, 61.4495, 63.2880**, and if you desaturate by 10%, it is **64.4228, 67.8722, 73.8752**.

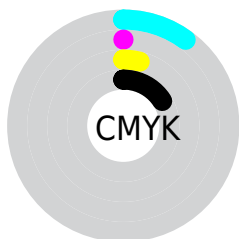
Distribution



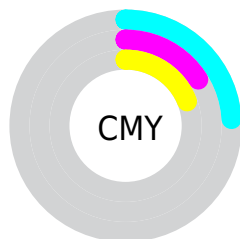
- Red (76%)
- Green (84%)
- Blue (81%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5552, 64.4433, 68.4368 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 57.5552, 64.4433, 68.4368 by changing the saturation by 10% instead.

■ 57.5552, 64.4433,
68.4368

■ 57.5552, 64.4433,
68.4368

405.5071,
440.7887, 473.6821

■ 41.6930, 47.0098,
49.7843

■ 100.4015,
111.2491, 118.6369

■ 29.0511, 33.0434,
34.8720

128.1164,
141.3902, 151.0216

■ 19.2639, 22.1597,
23.2816

160.5129,
176.5360, 188.8207

■ 11.9663, 13.9743,
14.5943

197.9564,
217.0709, 232.4528

■ 6.7928, 8.1028,
8.3917

240.8122,
263.3792, 282.3365

■ 3.3780, 4.1608,
4.2553

289.4457,

■ 1.3567, 1.7639,

315.8453, 338.8902

1.7664

344.2222,
374.8537, 402.5326

■ 0.2250, 0.4645,
0.4056

■ 0.0000, 0.0000,
0.0000

■ 57.5552, 64.4433,
68.4368

■ 57.5552, 64.4433,
68.4368

■ 51.5354, 61.4495,
63.2880

■ 64.4228, 67.8722,
73.8752

■ 46.3232, 58.8649,
58.4193

■ 72.1656, 71.7450,
79.6040

■ 41.8828, 56.6728,
53.8268

■ 79.8896, 75.6025,
85.5860

■ 38.1738, 54.8526,
49.5050

■ 81.0159, 76.0530,
91.5167

■ 35.1520, 53.3815,
45.4479

■ 82.1920, 76.5235,
97.7103

■ 32.7680, 52.2341,
41.6494

■ 83.4188, 77.0142,
104.1703

■ 30.9658, 51.3816,
38.1028

■ 83.5917, 77.0833,
105.0806

■ 29.6785, 50.7898,
34.8010

■ 28.8028, 50.4038,
31.8032

Harmonies

Analogous

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



58.3360, 64.4433, 63.4778



57.5552, 64.4433, 68.4368



57.7480, 64.4433, 74.1316

Triad

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



57.5552, 64.4433, 68.4368



62.6203, 64.4433, 80.9042



63.6977, 64.4433, 62.0196

Complementary

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



57.5552, 64.4433, 68.4368



57.6392, 56.8056, 63.1879

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.



64.8937, 64.4433, 66.3478



57.5552, 64.4433, 68.4368



64.2624, 64.4433, 77.3120

Square

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



57.5552, 64.4433, 68.4368



60.6440, 64.4433, 81.5381



65.1026, 64.4433, 71.9277



61.8629, 64.4433, 59.9070

Rectangle

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



57.5552, 64.4433, 68.4368



58.4045, 64.4433, 77.5698



65.1026, 64.4433, 71.9277



64.1894, 64.4433, 63.2523

Sweetspot

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



57.5570, 64.4460, 68.4382



91.8465, 98.3999, 106.4285



58.0335, 64.8807, 59.9175



19.4799, 20.9723, 22.6401



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.



57.5570, 64.4460, 68.4382



82.9340, 93.9550, 99.2485



57.8203, 63.3667, 73.4767



12.5916, 14.0276, 14.9298



17.2792, 30.1670, 19.2976



1.0813, 1.8352, 1.3698

Inverse Universe

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



57.6392, 56.8056, 63.1879



83.0754, 80.8154, 90.2198



57.3769, 57.7488, 58.5755



12.6081, 12.4947, 13.8764



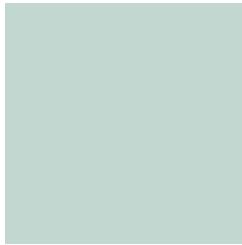
17.6354, 8.9905, 5.3839



1.1028, 0.5579, 0.5307

Previews

White Background



This preview shows how the XYZ color 57.5552, 64.4433, 68.4368 looks on a white background.

Color Contrast Check

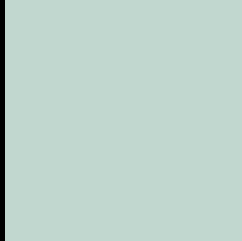
Large Text (above 18pt) WCAG AA × Fail

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 57.5552, 64.4433, 68.4368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

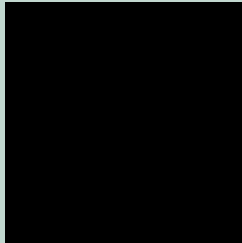
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

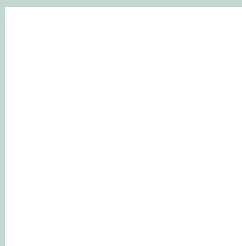
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5552, 64.4433, 68.4368

Background



This preview shows how black text looks on a background with the XYZ color 57.5552, 64.4433, 68.4368.

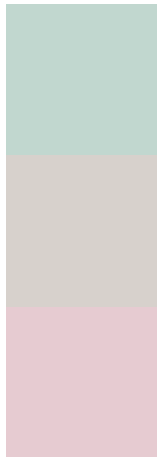


This preview shows how white text looks on a background with the XYZ color 57.5552, 64.4433,

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

57.5552, 64.4433, 68.4368

Protanopia

61.7239, 64.4076, 66.3055

Deuteranopia

65.4977, 64.1383, 69.2494



Tritanopia

60.7123, 64.6144, 83.4007

Trichromacy



Original Color

57.5552, 64.4433, 68.4368

Protanomaly

60.0458, 64.2617, 66.9966

Deuteranomaly

62.3133, 63.9314, 68.7302

Tritanomaly

59.6103, 64.5447, 77.7232

Monochromacy



Original Color

57.5552, 64.4433, 68.4368

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3080, 63.8391, 68.8708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5552, 64.4433, 68.4368 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.5552, 64.4433, 68.4368 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, 207) }
```


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

```
.border{ border-color:rgb(193, 215, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5552, 64.4433, 68.4368 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, 207) }
```

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

```
.background{ background-color: rgb(193,  
215, 207) }
```

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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