

Converting Colors

XYZ(57.9112, 64.6294, 70.3199)

Have a look what the booklet for
XYZ(57.9112, 64.6294, 70.3199)
contains.

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Color

**XYZ(57.9256, 64.5915,
70.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7D2
RGB	193, 215, 210
RGB Percent	76%, 84%, 82%
CMY	0.2431, 0.1568, 0.1765
CMYK	0.10, 0.00, 0.02, 0.16
HSL	166°, 22%, 80%
HSV	166°, 10%, 84%
XYZ	57.9256, 64.5915, 70.3872
YIQ	207.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

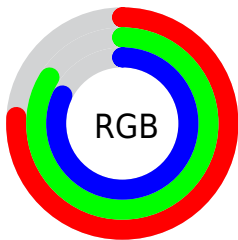
Format	Color
RYB	193, 205, 215
Decimal	12703698
CIELab	84.27, -8.29, -0.05
CIELCh	84, 8.294, 180.328
Yxy	64.5915, 0.3003, 0.3348
Android (android.graphics.Color)	4290893778 (0xFFC1D7D2)
YUV	207.8520, 1.0590, -13.0252
Hunter-Lab	80.3688, -11.9921, 4.3319

Details

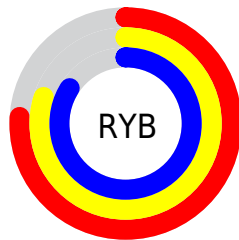
The XYZ color **57.9256, 64.5915, 70.3872** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2896, 56.6658, 61.3471**, and the grayscale version is **59.8586, 62.9759, 68.5807**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **29.2190, 33.0309, 36.2881** is the 20% darker color. If you saturate the color by 10%, you get **52.2387, 61.7309, 66.9909**, and if you desaturate by 10%, it is **64.4317, 67.8758, 73.9217**.

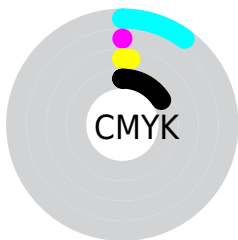
Distribution



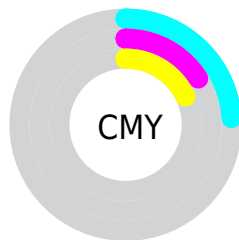
- Red (76%)
- Green (84%)
- Blue (82%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9256, 64.5915, 70.3872 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 57.9256, 64.5915, 70.3872 by changing the saturation by 10% instead.

■ 57.9256, 64.5915,
70.3872

■ 57.9256, 64.5915,
70.3872

406.8670,
441.3225, 480.7342

■ 41.9919, 47.1299,
51.3635

■ 100.9381,
111.4624, 121.4471

■ 29.2860, 33.1384,
36.1192

128.7476,
141.6404, 154.3203

■ 19.4427, 22.2325,
24.2359

161.2463,
176.8261, 192.6471

■ 12.0965, 14.0278,
15.2949

198.7997,
217.4038, 236.8461

■ 6.8821, 8.1400,
8.8777

241.7732,
263.7579, 287.3358

■ 3.4341, 4.1847,
4.5658

290.5319,

■ 1.3873, 1.7774,

316.2728, 344.5346

1.9406

345.4414,
375.3329, 408.8612

■ 0.2471, 0.4730,
0.5184

■ 0.0000, 0.0000,
0.0000

■ 57.9256, 64.5915,
70.3872

■ 57.9256, 64.5915,
70.3872

■ 52.2387, 61.7309,
66.9909

■ 64.4317, 67.8758,
73.9217

■ 47.3310, 59.2680,
63.7260

■ 71.7836, 71.5923,
77.5924

■ 43.1674, 57.1867,
60.5914

■ 79.0871, 75.2815,
81.3596

■ 39.7081, 55.4664,
57.5844

■ 79.7625, 75.5517,
84.9163

■ 36.9093, 54.0844,
54.7018

■ 80.4572, 75.8295,
88.5744

■ 34.7224, 53.0159,
51.9407

■ 81.1712, 76.1152,
92.3347

■ 33.0916, 52.2320,
49.2975

■ 81.9048, 76.4086,
96.1979

■ 31.9511, 51.6988,
46.7681

■ 82.6582, 76.7099,
100.1649

■ 31.1952, 51.3608,
44.4015

■ 83.4314, 77.0192,
104.2364

Harmonies

Analogous

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



58.3725, 64.5915, 65.4368



57.9256, 64.5915, 70.3872



58.3921, 64.5915, 75.5649

Triad

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



57.9256, 64.5915, 70.3872



63.1942, 64.5915, 79.4322



63.1584, 64.5915, 61.8963

Complementary

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



57.9256, 64.5915, 70.3872



57.2896, 56.6658, 61.3471

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.



64.4935, 64.5915, 65.3411



57.9256, 64.5915, 70.3872



64.5145, 64.5915, 75.4595

Square

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



57.9256, 64.5915, 70.3872



61.4125, 64.5915, 80.9437



64.9946, 64.5915, 70.2712



61.3720, 64.5915, 60.6856

Rectangle

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



57.9256, 64.5915, 70.3872



59.1637, 64.5915, 78.4110



64.9946, 64.5915, 70.2712



63.6762, 64.5915, 62.8226

Sweetspot

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



57.9274, 64.5942, 70.3886



92.0125, 98.4663, 107.3026



57.2520, 64.4779, 59.8809



19.5248, 20.9902, 22.8764



0.0000, 0.0000, 0.0000



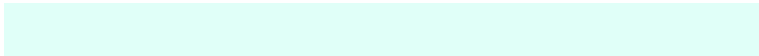
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9274, 64.5942, 70.3886



83.5744, 94.2112, 102.6208



57.0932, 61.9125, 73.2344



12.6657, 14.0573, 15.3202



18.6995, 30.7352, 26.7771



1.1581, 1.8659, 1.7744

Inverse Universe

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



57.2896, 56.6658, 61.3471



82.4777, 80.5764, 87.0724



58.0449, 59.0848, 58.7982



12.5378, 12.4666, 13.5061



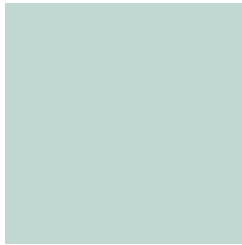
17.1256, 8.7866, 2.6997



1.0650, 0.5428, 0.3317

Previews

White Background



This preview shows how the XYZ color 57.9256, 64.5915, 70.3872 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 57.9256, 64.5915, 70.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

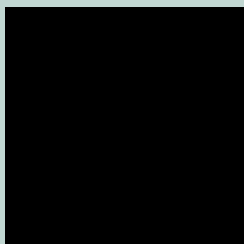
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

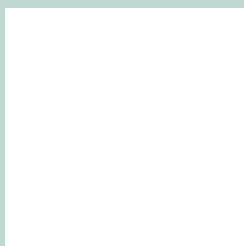
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9256, 64.5915, 70.3872

Background



This preview shows how black text looks on a background with the XYZ color 57.9256, 64.5915, 70.3872.



This preview shows how white text looks on a background with the XYZ color 57.9256, 64.5915,

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

57.9256, 64.5915, 70.3872

Protanopia

61.7945, 64.4021, 68.2054

Deuteranopia

65.5527, 64.1234, 71.2094



Tritanopia

60.4513, 64.4799, 83.3885

Trichromacy



Original Color

57.9256, 64.5915, 70.3872

Protanomaly

60.1330, 64.2644, 68.9094

Deuteranomaly

62.3896, 63.9277, 70.6790

Tritanomaly

59.4847, 64.4645, 78.4150

Monochromacy



Original Color

57.9256, 64.5915, 70.3872

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4315, 63.8885, 69.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9256, 64.5915, 70.3872 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.9256, 64.5915, 70.3872 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, 210) }
```


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

```
.border{ border-color:rgb(193, 215, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 210);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9256, 64.5915, 70.3872 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, 210) }
```

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

```
.background{ background-color: rgb(193,  
215, 210) }
```

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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