

Converting Colors

XYZ(56.6826, 64.3064, 63.8807)

Have a look what the booklet for
XYZ(56.6826, 64.3064, 63.8807)
contains.

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Color

**XYZ(56.7194, 64.4883,
64.1016)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8C8
RGB	192, 216, 200
RGB Percent	75%, 85%, 78%
CMY	0.2471, 0.1529, 0.2157
CMYK	0.11, 0.00, 0.07, 0.15
HSL	140°, 24%, 80%
HSV	140°, 11%, 85%
XYZ	56.7194, 64.4883, 64.1016
YIQ	207.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

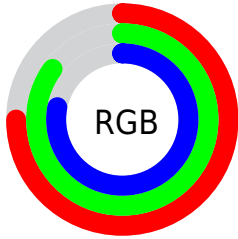
Format	Color
RYB	192, 210, 216
Decimal	12638408
CIELab	84.22, -11.03, 5.17
CIELCh	84, 12.178, 154.882
Yxy	64.4883, 0.3061, 0.3480
Android (android.graphics.Color)	4290828488 (0xFFC0D8C8)
YUV	207.0000, -3.4510, -13.1550
Hunter-Lab	80.3046, -14.4579, 8.8861

Details

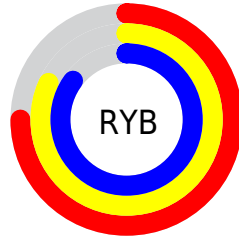
The XYZ color **56.7194, 64.4883, 64.1016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5560, 56.8539, 67.5652**, and the grayscale version is **59.3354, 62.4255, 67.9813**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.4144, 32.9683, 32.0601** is the 20% darker color. If you saturate the color by 10%, you get **50.0420, 61.2332, 55.4136**, and if you desaturate by 10%, it is **64.3617, 68.2261, 73.6651**.

Distribution



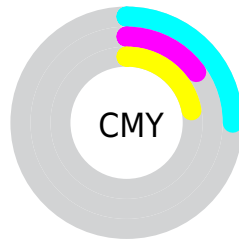
- Red (75%)
- Green (85%)
- Blue (78%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7194, 64.4883, 64.1016 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 56.7194, 64.4883, 64.1016 by changing the saturation by 10% instead.

■ 56.7194, 64.4883,
64.1016

■ 56.7194, 64.4883,
64.1016

402.4282,
440.9509, 457.7740

■ 41.0193, 47.0463,
46.2863

■ 99.1894, 111.3139,
112.3581

■ 28.5219, 33.0722,
32.1215

126.6899,
141.4662, 143.6364

■ 18.8619, 22.1818,
21.1887

158.8546,
176.6241, 180.2394

■ 11.6739, 13.9905,
13.0694

196.0488,
217.1720, 222.5856

■ 6.5927, 8.1141,
7.3451

238.6380,
263.4942, 271.0936

■ 3.2527, 4.1680,
3.5971

286.9873,

■ 1.2888, 1.7680,

315.9751, 326.1820

1.4070

341.4623,
374.9992, 388.2693

■ 0.1748, 0.4671,
0.1472

■ 0.0000, 0.0000,
0.0000

■ 56.7194, 64.4883,
64.1016

■ 56.7194, 64.4883,
64.1016

■ 50.0420, 61.2332,
55.4136

■ 64.3617, 68.2261,
73.6651

■ 44.2848, 58.4329,
47.5723

■ 73.0004, 72.4570,
84.1234

■ 39.4079, 56.0690,
40.5533

■ 82.0058, 76.8576,
95.4695

■ 35.3658, 54.1188,
34.3296

■ 83.8471, 77.5942,
105.1657

■ 32.1091, 52.5573,
28.8727

■ 29.5830, 51.3569,
24.1524

■ 27.7249, 50.4860,
20.1363

■ 26.4609, 49.9072,
16.7894

■ 25.7265, 49.5820,
14.3439

Harmonies

Analogous

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



58.3772, 64.4883, 58.7287



56.7194, 64.4883, 64.1016



56.2729, 64.4883, 71.4879

Triad

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



56.7194, 64.4883, 64.1016



61.7364, 64.4883, 86.0719



65.6457, 64.4883, 62.0642

Complementary

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



56.7194, 64.4883, 64.1016



58.5560, 56.8539, 67.5652

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.



66.6056, 64.4883, 68.9609



56.7194, 64.4883, 64.1016



64.3068, 64.4883, 83.1130

Square

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



56.7194, 64.4883, 64.1016



59.1200, 64.4883, 84.5349



66.1086, 64.4883, 76.7090



63.5211, 64.4883, 57.6143

Rectangle

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



56.7194, 64.4883, 64.1016



56.7108, 64.4883, 76.6503



66.1086, 64.4883, 76.7090



66.1181, 64.4883, 64.1537

Sweetspot

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



56.7212, 64.4910, 64.1030



91.4809, 98.2537, 104.5033



60.1978, 66.3885, 59.5115



19.3813, 20.9328, 22.1208



0.0000, 0.0000, 0.0000



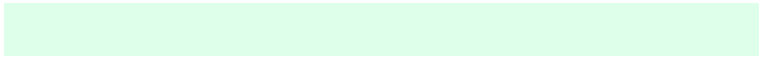
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7212, 64.4910, 64.1030



80.5318, 92.9033, 90.7025



58.1295, 65.0543, 71.5189



12.4314, 13.9636, 14.0864



15.2717, 29.3640, 8.7263



0.9590, 1.7863, 0.7258

Inverse Universe

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



58.5560, 56.8539, 67.5652



83.6432, 79.9516, 96.5730



57.1799, 56.3034, 60.3188



12.7689, 12.5590, 14.7231



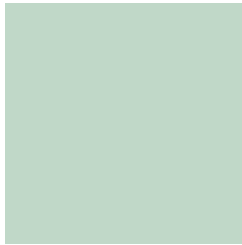
19.7939, 9.8539, 16.7507



1.2316, 0.6094, 1.2088

Previews

White Background



This preview shows how the XYZ color 56.7194, 64.4883, 64.1016 looks on a white background.

Color Contrast Check

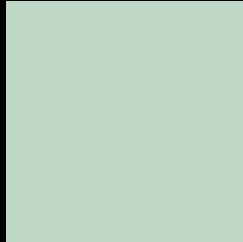
Large Text (above 18pt) WCAG AA × Fail

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 56.7194, 64.4883, 64.1016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

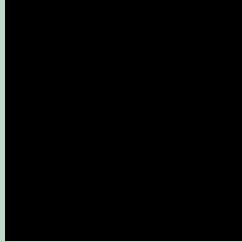
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

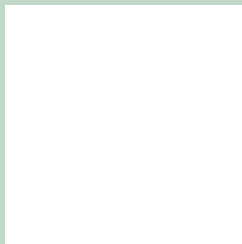
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7194, 64.4883, 64.1016

Background



This preview shows how black text looks on a background with the XYZ color 56.7194, 64.4883, 64.1016.



This preview shows how white text looks on a background with the XYZ color 56.7194, 64.4883,

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

56.7194, 64.4883, 64.1016

Protanopia

61.3795, 64.3382, 61.4080

Deuteranopia

65.7397, 64.3473, 65.4553



Tritanopia

60.7123, 64.6144, 83.4007

Trichromacy



Original Color

56.7194, 64.4883, 64.1016

Protanomaly

59.6340, 64.5281, 62.1354

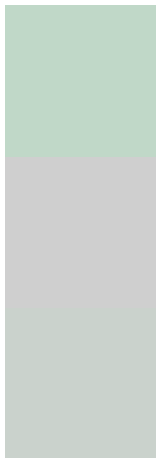
Deuteranomaly

62.1300, 64.2814, 65.0101

Tritanomaly

58.9548, 64.2526, 75.6244

Monochromacy



Original Color

56.7194, 64.4883, 64.1016

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3028, 63.0094, 66.2159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7194, 64.4883, 64.1016 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(192, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 200)  
}
```

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(192, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.7194, 64.4883, 64.1016 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(192, 216, 200) }
```


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

```
.border{ border-color:rgb(192, 216, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7194, 64.4883, 64.1016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 200) }
```

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

```
.background{ background-color: rgb(192,  
216, 200) }
```

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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