

Converting Colors

XYZ(56.8900, 58.7594, 62.7738)

Have a look what the booklet for
XYZ(56.8900, 58.7594, 62.7738)
contains.

XYZ(56.8117, 58.7441, 62.9880)	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(56.8117, 58.7441,
62.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC8C8
RGB	207, 200, 200
RGB Percent	81%, 78%, 78%
CMY	0.1882, 0.2157, 0.2157
CMYK	0.00, 0.03, 0.03, 0.19
HSL	0°, 7%, 80%
HSV	0°, 3%, 81%
XYZ	56.8117, 58.7441, 62.9880
YIQ	202.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

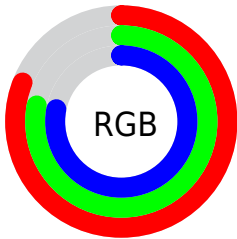
Format	Color
R_{YB}	207, 200, 200
Decimal	13617352
CIE Lab	81.15, 2.43, 0.85
CIE LCh	81, 2.575, 19.390
Yxy	58.7441, 0.3182, 0.3290
Android (android.graphics.Color)	4291807432 (0xFFCFC8C8)
YUV	202.0930, -1.0318, 4.3034
Hunter-Lab	76.6447, -1.8179, 4.9257

Details

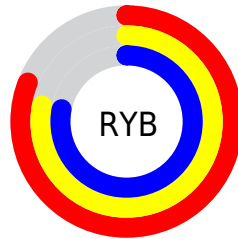
The XYZ color **56.8117, 58.7441, 62.9880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3946, 61.4090, 67.8602**, and the grayscale version is **56.2029, 59.1298, 64.3923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6041, 29.4054, 31.3623** is the 20% darker color. If you saturate the color by 10%, you get **50.0831, 48.8994, 49.6066**, and if you desaturate by 10%, it is **64.5196, 70.0217, 78.3133**.

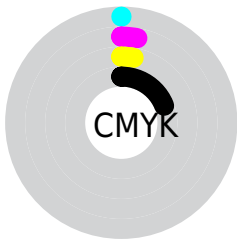
Distribution



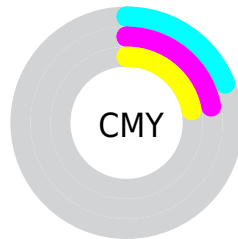
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8117, 58.7441, 62.9880 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 56.8117, 58.7441, 62.9880 by changing the saturation by 10% instead.

■ 56.8117, 58.7441,
62.9880

■ 56.8117, 58.7441,
62.9880

402.7689,
419.9529, 453.6327

■ 41.0936, 42.4072,
45.3906

99.3233, 103.0056,
110.7376

■ 28.5802, 29.4202,
31.4200

126.8476,
131.6990, 141.7269

■ 18.9062, 19.3990,
20.6577

159.0380,
165.2800, 178.0171

■ 11.7061, 11.9589,
12.6852

196.2598,
204.1330, 220.0270

■ 6.6147, 6.7157,
7.0840

238.8785,
248.6424, 268.1749

■ 3.2665, 3.2849,
3.4354

287.2593,

■ 1.2962, 1.2822,

299.1926, 322.8795

1.3210

341.7677,
356.1680, 384.5592

■ 0.1804, 0.1274,
0.0789

■ 0.0000, 0.0000,
0.0000

■ 56.8117, 58.7441,
62.9880

■ 56.8117, 58.7441,
62.9880

■ 50.0831, 48.8994,
49.6066

■ 64.5196, 70.0217,
78.3133

■ 44.2899, 40.4230,
38.0878

■ 73.2386, 82.7783,
95.6517

■ 39.3922, 33.2567,
28.3502

■ 79.5424, 92.0055,
108.1743

■ 35.3454, 27.3352,
20.3049

■ 32.1010, 22.5875,
13.8555

■ 29.6055, 18.9356,
8.8958

■ 27.7992, 16.2920,
5.3066

■ 26.6132, 14.5557,
2.9507

■ 25.9641, 13.6052,
1.6625

Harmonies

Analogous

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



56.8530, 58.7441, 64.5070



56.8117, 58.7441, 62.9880



56.5076, 58.7441, 61.7490

Triad

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



56.8117, 58.7441, 62.9880



55.0562, 58.7441, 62.0615



55.6451, 58.7441, 66.9057

Complementary

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



56.8117, 58.7441, 62.9880



57.3946, 61.4090, 67.8602

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.



55.1668, 58.7441, 66.2279



56.8117, 58.7441, 62.9880



54.8282, 58.7441, 63.4208

Square

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



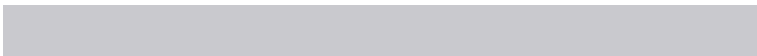
56.8117, 58.7441, 62.9880



55.4932, 58.7441, 61.2200



54.8686, 58.7441, 64.9467



56.1772, 58.7441, 66.7853

Rectangle

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



56.8117, 58.7441, 62.9880



56.1978, 58.7441, 61.2409



54.8686, 58.7441, 64.9467



55.4727, 58.7441, 66.7632

Sweetspot

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



56.8134, 58.7466, 62.9893



93.8344, 98.2215, 106.4828



57.6496, 59.0798, 67.3972



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



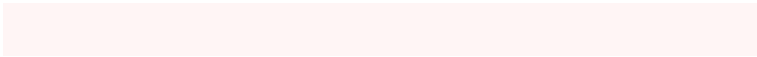
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8134, 58.7466, 62.9893



90.2845, 93.0275, 99.4238



57.6324, 60.3847, 63.2623



12.5333, 12.8686, 13.7087



16.2134, 8.3597, 0.7590



0.9067, 0.4678, 0.0425

Inverse Universe

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



57.3946, 61.4090, 67.8602



91.3947, 98.1131, 108.7284



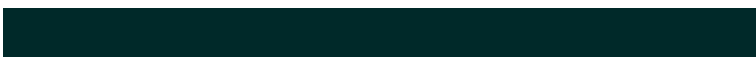
56.5569, 59.7336, 67.5810



12.7132, 13.6927, 15.2166



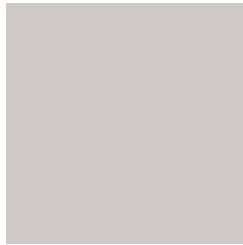
21.1375, 30.9216, 42.0469



1.1821, 1.7293, 2.3511

Previews

White Background



This preview shows how the XYZ color 56.8117, 58.7441, 62.9880 looks on a white background.

Color Contrast Check

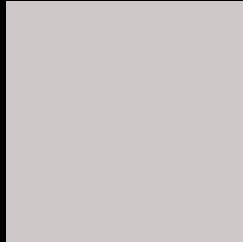
Large Text (above 18pt) WCAG AA × Fail

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 56.8117, 58.7441, 62.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

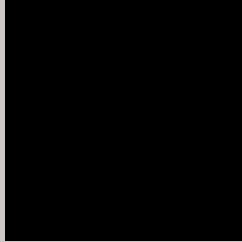
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

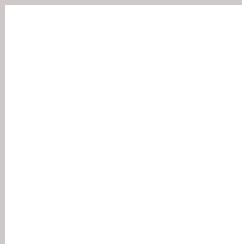
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8117, 58.7441, 62.9880

Background



This preview shows how black text looks on a background with the XYZ color 56.8117, 58.7441, 62.9880.

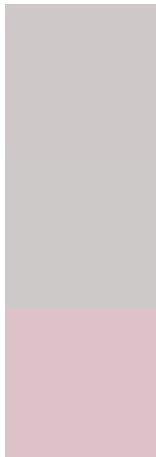


This preview shows how white text looks on a background with the XYZ color 56.8117, 58.7441,

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

56.8117, 58.7441, 62.9880

Protanopia

56.4888, 58.9226, 63.0395

Deuteranopia

59.8765, 58.6194, 63.4172



Tritanopia

58.6262, 58.7985, 71.8776

Trichromacy



Original Color

56.8117, 58.7441, 62.9880

Protanomaly

56.7656, 59.0652, 63.0524

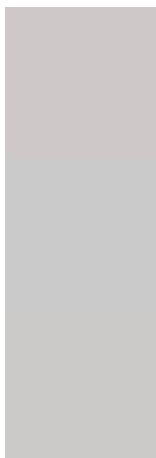
Deuteranomaly

58.8278, 58.7485, 63.4974

Tritanomaly

57.9445, 58.8602, 68.6288

Monochromacy



Original Color

56.8117, 58.7441, 62.9880

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3311, 58.8277, 63.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8117, 58.7441, 62.9880 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(207, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 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(207, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.8117, 58.7441, 62.9880 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(207, 200, 200) }
```


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

```
.border{ border-color:rgb(207, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8117, 58.7441, 62.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 200) }
```

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

```
.background{ background-color: rgb(207,  
200, 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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