

Converting Colors

XYZ(55.0300, 57.7455, 58.7252)

Have a look what the booklet for
XYZ(55.0300, 57.7455, 58.7252)
contains.

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Color

**XYZ(55.1818, 57.9962,
58.7381)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC8C1
RGB	204, 200, 193
RGB Percent	80%, 78%, 76%
CMY	0.2000, 0.2157, 0.2431
CMYK	0.00, 0.02, 0.05, 0.20
HSL	38°, 10%, 78%
HSV	38°, 5%, 80%
XYZ	55.1818, 57.9962, 58.7381
YIQ	200.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

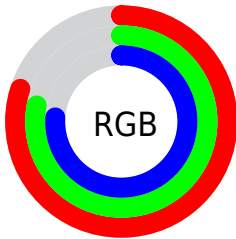
Format	Color
RYB	199, 204, 193
Decimal	13420737
CIELab	80.74, 0.15, 3.98
CIELCh	81, 3.979, 87.889
Yxy	57.9962, 0.3210, 0.3374
Android (android.graphics.Color)	4291610817 (0xFFCCC8C1)
YUV	200.3980, -3.6472, 3.1590
Hunter-Lab	76.1552, -3.9312, 7.5786

Details

The XYZ color **55.1818, 57.9962, 58.7381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8577, 55.6289, 65.0791**, and the grayscale version is **55.1663, 58.0392, 63.2047**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **27.5902, 28.9352, 28.9418** is the 20% darker color. If you saturate the color by 10%, you get **51.3867, 53.7997, 47.0092**, and if you desaturate by 10%, it is **59.3773, 62.4898, 72.1506**.

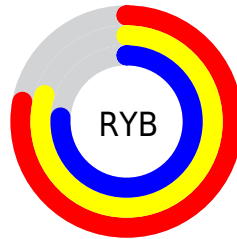
Distribution



Red (80%)

Green (78%)

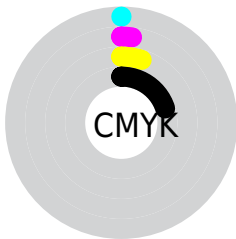
Blue (76%)



Red (78%)

Yellow (80%)

Blue (76%)

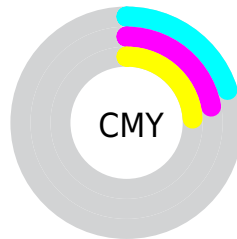


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1818, 57.9962, 58.7381 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 55.1818, 57.9962, 58.7381 by changing the saturation by 10% instead.

■ 55.1818, 57.9962,
58.7381

■ 55.1818, 57.9962,
58.7381

396.7259,
417.1718, 437.6055

■ 39.7817, 41.8056,
41.9837

■ 96.9540, 101.9173,
104.5223

■ 27.5518, 28.9491,
28.7631

124.0569,
130.4166, 134.3892

■ 18.1268, 19.0423,
18.6576

155.7914,
163.7876, 169.4640

■ 11.1413, 11.7009,
11.2488

192.5229,
202.4147, 210.1652

■ 6.2300, 6.5403,
6.1182

234.6167,
246.6823, 256.9114

■ 3.0274, 3.1763,
2.8471

282.4383,

■ 1.1683, 1.2245,

296.9747, 310.1212

1.0171

336.3529,
353.6764, 370.2130

■ 0.0811, 0.0816,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1818, 57.9962,
58.7381

■ 55.1818, 57.9962,
58.7381

■ 51.3867, 53.7997,
47.0092

■ 59.3773, 62.4898,
72.1506

■ 47.9732, 49.8852,
36.8926

■ 63.9817, 67.2800,
87.3068

■ 44.9282, 46.2475,
28.3172

■ 69.0089, 72.3761,
104.2684

■ 42.2357, 42.8783,
21.2052

■ 71.1520, 76.4571,
105.6153

39.8784, 39.7686,
15.4720

73.2545, 80.6622,
106.3162

37.8375, 36.9088,
11.0241

75.4457, 85.0446,
107.0466

36.0917, 34.2884,
7.7564

77.7267, 89.6065,
107.8069

34.6166, 31.8954,
5.5469

78.7122, 91.5775,
108.1354

33.3825, 29.7158,
4.2462

Harmonies

Analogous

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



55.9668, 57.9962, 59.3965



55.1818, 57.9962, 58.7381



54.3887, 57.9962, 59.2368

Triad

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



55.1818, 57.9962, 58.7381



53.7405, 57.9962, 65.2859



56.4712, 57.9962, 65.5811

Complementary

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



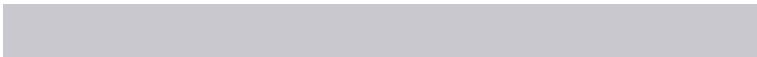
55.1818, 57.9962, 58.7381



52.8577, 55.6289, 65.0791

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.



55.8652, 57.9962, 67.2277



55.1818, 57.9962, 58.7381



54.2890, 57.9962, 67.0543

Square

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



55.1818, 57.9962, 58.7381



53.5615, 57.9962, 62.9817



55.0655, 57.9962, 67.7733



56.7159, 57.9962, 63.3146

Rectangle

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



55.1818, 57.9962, 58.7381



53.9611, 57.9962, 60.1654



55.0655, 57.9962, 67.7733



56.3027, 57.9962, 66.2276

Sweetspot

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



55.1834, 57.9987, 58.7394



93.6514, 98.4993, 104.4366



54.0545, 55.0110, 60.6134



20.0599, 21.0987, 22.4005



0.0000, 0.0000, 0.0000



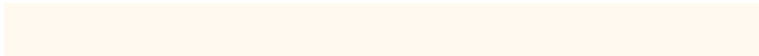
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1834, 57.9987, 58.7394



90.9359, 95.5580, 95.8563



55.7210, 59.6679, 59.0332



12.0391, 12.6493, 12.6002



20.7794, 18.2918, 2.4355



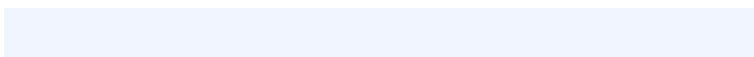
1.1425, 1.0848, 0.1492

Inverse Universe

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



52.8577, 55.6289, 65.0791



86.6141, 91.1542, 107.6372



52.3380, 54.0317, 64.7982



11.4198, 12.0182, 14.2882



8.4873, 5.9986, 36.6668



0.5095, 0.4529, 1.9155

Previews

White Background



This preview shows how the XYZ color 55.1818, 57.9962, 58.7381 looks on a white background.

Color Contrast Check

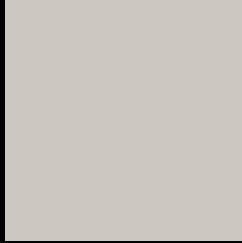
Large Text (above 18pt) WCAG AA × Fail

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 55.1818, 57.9962, 58.7381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

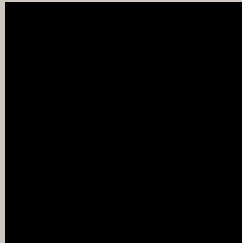
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1818, 57.9962, 58.7381

Background



This preview shows how black text looks on a background with the XYZ color 55.1818, 57.9962, 58.7381.

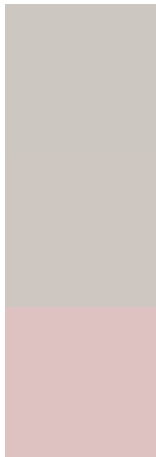


This preview shows how white text looks on a background with the XYZ color 55.1818, 57.9962,

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

55.1818, 57.9962, 58.7381

Protanopia

55.5027, 57.8189, 58.6869

Deuteranopia

59.1536, 58.0082, 59.1179



Tritanopia

57.7086, 58.0020, 71.1047

Trichromacy



Original Color

55.1818, 57.9962, 58.7381

Protanomaly

55.2259, 57.6762, 58.6740

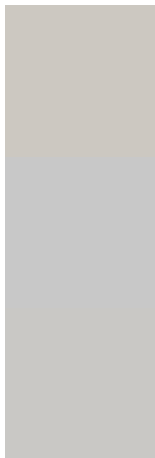
Deuteranomaly

57.5019, 57.8220, 59.1690

Tritanomaly

56.7883, 57.9662, 66.5881

Monochromacy



Original Color

55.1818, 57.9962, 58.7381

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8197, 57.7573, 61.0823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1818, 57.9962, 58.7381 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(204, 200, 193) looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 193)  
}
```

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(204, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.1818, 57.9962, 58.7381 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(204, 200, 193) }
```


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

```
.border{ border-color:rgb(204, 200, 193) }
```

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

Here you see how a box with a 4 pixel rgb(204, 200, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1818, 57.9962, 58.7381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 193) }
```

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

```
.background{ background-color: rgb(204,  
200, 193) }
```

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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