

Converting Colors

XYZ(55.2086, 57.2172, 59.9705)

Have a look what the booklet for
XYZ(55.2086, 57.2172, 59.9705)
contains.

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Color

**XYZ(55.2212, 57.3074,
59.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC6C3
RGB	205, 198, 195
RGB Percent	80%, 78%, 76%
CMY	0.1961, 0.2235, 0.2353
CMYK	0.00, 0.03, 0.05, 0.20
HSL	18°, 9%, 78%
HSV	18°, 5%, 80%
XYZ	55.2212, 57.3074, 59.7807
YIQ	199.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

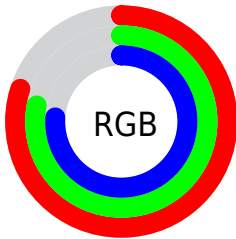
Format	Color
RYB	205, 199, 195
Decimal	13485763
CIELab	80.35, 1.90, 2.36
CIELCh	80, 3.029, 51.069
Yxy	57.3074, 0.3205, 0.3326
Android (android.graphics.Color)	4291675843 (0xFFCDC6C3)
YUV	199.7510, -2.3422, 4.6034
Hunter-Lab	75.7017, -2.2696, 6.1705

Details

The XYZ color **55.2212, 57.3074, 59.7807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6455, 58.2500, 66.1215**, and the grayscale version is **54.7596, 57.6114, 62.7388**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **27.5435, 28.4489, 29.2388** is the 20% darker color. If you saturate the color by 10%, you get **49.9365, 50.1957, 47.3579**, and if you desaturate by 10%, it is **61.1379, 65.1723, 73.9855**.

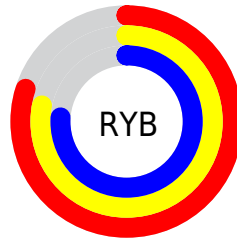
Distribution



Red (80%)

Green (78%)

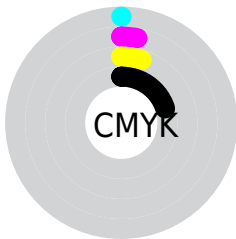
Blue (76%)



Red (80%)

Yellow (78%)

Blue (76%)

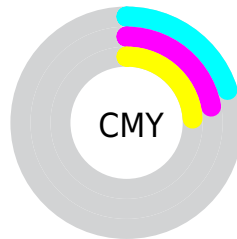


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2212, 57.3074, 59.7807 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 55.2212, 57.3074, 59.7807 by changing the saturation by 10% instead.

■ 55.2212, 57.3074,
59.7807

■ 55.2212, 57.3074,
59.7807

396.8727,
414.6002, 441.5711

■ 39.8134, 41.2521,
42.8178

97.0114, 100.9136,
106.0517

■ 27.5766, 28.5161,
29.4118

124.1245,
129.2333, 136.1969

■ 18.1456, 18.7151,
19.1443

155.8701,
162.4098, 171.5732

■ 11.1549, 11.4646,
11.5967

192.6135,
200.8277, 212.5993

■ 6.2392, 6.3802,
6.3505

234.7201,
244.8713, 259.6935

■ 3.0331, 3.0776,
2.9872

282.5553,

■ 1.1713, 1.1724,

294.9250, 313.2746

1.0881

336.4843,
351.3731, 373.7609

■ 0.0835, 0.0390,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2212, 57.3074,
59.7807

■ 55.2212, 57.3074,
59.7807

■ 49.9365, 50.1957,
47.3579

■ 61.1379, 65.1723,
73.9855

■ 45.2575, 43.8075,
36.6427

■ 67.7021, 73.8043,
90.0355

■ 41.1630, 38.1217,
27.5609

■ 74.6921, 83.1292,
106.7166

■ 37.6289, 33.1137,
20.0314

■ 78.9871, 91.7193,
108.1483

■ 34.6291, 28.7573,
13.9660

■ 32.1354, 25.0244,
9.2675

■ 30.1167, 21.8847,
5.8270

■ 28.5380, 19.3053,
3.5185

■ 27.3580, 17.2489,
2.1891

Harmonies

Analogous

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



55.5885, 57.3074, 61.1792



55.2212, 57.3074, 59.7807



54.6542, 57.3074, 59.0870

Triad

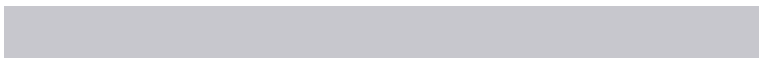
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.2212, 57.3074, 59.7807



53.3002, 57.3074, 61.8697



54.8985, 57.3074, 65.6371

Complementary

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



55.2212, 57.3074, 59.7807



54.6455, 58.2500, 66.1215

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.



54.2842, 57.3074, 65.8305



55.2212, 57.3074, 59.7807



53.3645, 57.3074, 63.6329

Square

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



55.2212, 57.3074, 59.7807



53.5472, 57.3074, 60.2780



53.7236, 57.3074, 65.0906



55.4012, 57.3074, 64.5672

Rectangle

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



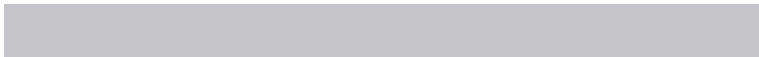
55.2212, 57.3074, 59.7807



54.2405, 57.3074, 59.1083



53.7236, 57.3074, 65.0906



54.6981, 57.3074, 65.8075

Sweetspot

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



55.2228, 57.3099, 59.7819



94.0756, 98.7038, 106.5632



55.3533, 56.2744, 63.8224



20.1463, 21.1404, 22.8335



0.0000, 0.0000, 0.0000



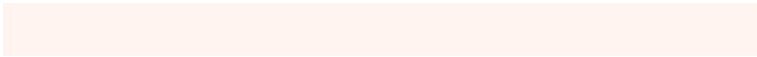
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2228, 57.3099, 59.7819



89.3633, 92.4129, 95.3321



56.3838, 59.6319, 60.1689



11.8138, 12.1987, 12.5251



16.8050, 10.3429, 1.1107



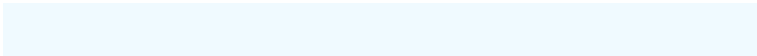
0.9339, 0.6676, 0.0796

Inverse Universe

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



54.6455, 58.2500, 66.1215



88.1948, 94.3156, 108.1641



53.4921, 55.9432, 65.7370



11.6464, 12.4713, 14.3638



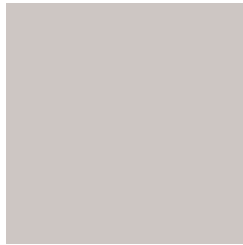
13.1013, 15.2266, 38.2048



0.7404, 0.9145, 1.9924

Previews

White Background



This preview shows how the XYZ color 55.2212, 57.3074, 59.7807 looks on a white background.

Color Contrast Check

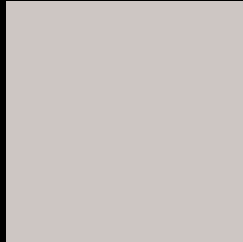
Large Text (above 18pt) WCAG AA × Fail

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 55.2212, 57.3074, 59.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

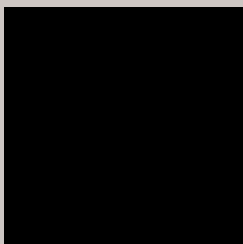
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

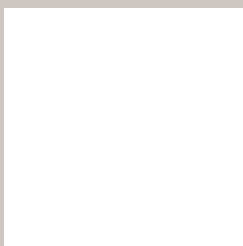
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2212, 57.3074, 59.7807

Background



This preview shows how black text looks on a background with the XYZ color 55.2212, 57.3074, 59.7807.

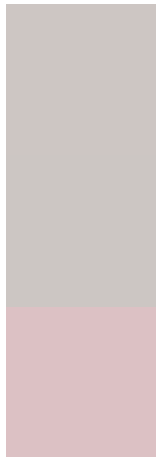


This preview shows how white text looks on a background with the XYZ color 55.2212, 57.3074,

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

55.2212, 57.3074, 59.7807

Protanopia

54.9462, 57.1657, 59.7679

Deuteranopia

58.5490, 57.3411, 60.2066



Tritanopia

57.2299, 57.4484, 69.7003

Trichromacy



Original Color

55.2212, 57.3074, 59.7807

Protanomaly

54.9462, 57.1657, 59.7679

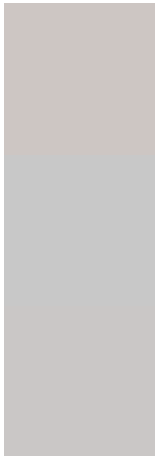
Deuteranomaly

57.5032, 57.4628, 60.2852

Tritanomaly

56.4393, 57.4621, 65.8742

Monochromacy



Original Color

55.2212, 57.3074, 59.7807

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9736, 57.4806, 61.6235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2212, 57.3074, 59.7807 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(205, 198, 195) looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 195)  
}
```

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(205, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 195) }
```

Border

The CSS property to change the border of an element to XYZ 55.2212, 57.3074, 59.7807 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(205, 198, 195) }
```


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

```
.border{ border-color:rgb(205, 198, 195) }
```

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

Here you see how a box with a 4 pixel rgb(205, 198, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2212, 57.3074, 59.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 195) }
```

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

```
.background{ background-color: rgb(205,  
198, 195) }
```

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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