

Converting Colors

XYZ(55.7595, 58.2710, 63.4958)

Have a look what the booklet for
XYZ(55.7595, 58.2710, 63.4958)
contains.

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Color

**XYZ(55.8255, 58.2221,
63.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC8C9
RGB	203, 200, 201
RGB Percent	80%, 78%, 79%
CMY	0.2039, 0.2157, 0.2118
CMYK	0.00, 0.01, 0.01, 0.20
HSL	340°, 3%, 79%
HSV	340°, 1%, 80%
XYZ	55.8255, 58.2221, 63.5540
YIQ	201.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

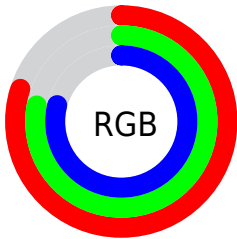
Format	Color
R _Y B	203, 200, 201
Decimal	13355209
CIE Lab	80.86, 1.22, -0.14
CIE LCh	81, 1.230, 353.443
Yxy	58.2221, 0.3143, 0.3278
Android (android.graphics.Color)	4291545289 (0xFFC8C9)
YUV	201.0110, -0.0054, 1.7444
Hunter-Lab	76.3034, -2.9359, 4.0291

Details

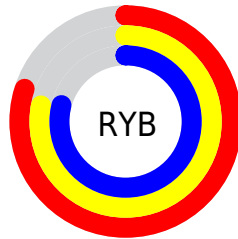
The XYZ color **55.8255, 58.2221, 63.5540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8382, 59.2570, 64.3749**, and the grayscale version is **55.5250, 58.4166, 63.6157**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9398, 29.0539, 31.7391** is the 20% darker color. If you saturate the color by 10%, you get **49.9088, 48.8274, 54.0622**, and if you desaturate by 10%, it is **62.5103, 68.9265, 73.9969**.

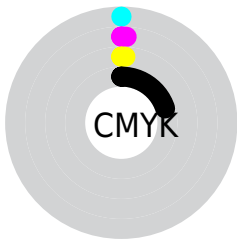
Distribution



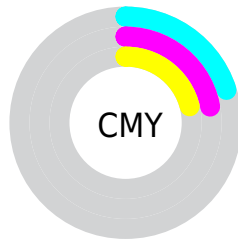
- Red (80%)
- Green (78%)
- Blue (79%)



- Red (80%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8255, 58.2221, 63.5540 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 55.8255, 58.2221, 63.5540 by changing the saturation by 10% instead.

■ 55.8255, 58.2221,
63.5540

■ 55.8255, 58.2221,
63.5540

399.1192,
418.0130, 455.7405

■ 40.2995, 41.9872,
45.8457

97.8907, 102.2462,
111.5617

■ 27.9574, 29.0913,
31.7763

125.1606,
130.8043, 142.6981

■ 18.4338, 19.1499,
20.9273

157.0758,
164.2388, 179.1475

■ 11.3635, 11.7786,
12.8801

194.0017,
202.9343, 221.3287

■ 6.3810, 6.5931,
7.2163

236.3036,
247.2750, 269.6600

■ 3.1209, 3.2090,
3.5172

284.3470,

■ 1.2180, 1.2418,

297.6455, 324.5600

1.3644

338.4970,
354.4300, 386.4473

■ 0.1205, 0.0954,
0.1137

■ 0.0000, 0.0000,
0.0000

■ 55.8255, 58.2221,
63.5540

■ 55.8255, 58.2221,
63.5540

■ 49.9088, 48.8274,
54.0622

■ 62.5103, 68.9265,
73.9969

■ 44.7274, 40.6846,
45.4906

■ 69.9849, 80.9807,
85.4133

■ 40.2530, 33.7427,
37.8120

■ 76.3632, 90.6064,
97.1916

■ 36.4538, 27.9443,
30.9964

■ 78.4390, 91.4367,
108.1226

■ 33.2954, 23.2273,
25.0119

■ 30.7403, 19.5235,
19.8247

■ 28.7470, 16.7570,
15.3983

■ 27.2680, 14.8411,
11.6930

■ 26.2477, 13.6725,
8.6644

Harmonies

Analogous

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



55.7320, 58.2221, 64.2316



55.8255, 58.2221, 63.5540



55.7881, 58.2221, 62.8385

Triad

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



55.8255, 58.2221, 63.5540



55.1441, 58.2221, 62.1180



55.0477, 58.2221, 64.5254

Complementary

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



55.8255, 58.2221, 63.5540



55.8382, 59.2570, 64.3749

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.



54.8910, 58.2221, 63.9527



55.8255, 58.2221, 63.5540



54.9466, 58.2221, 62.5636

Square

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



55.8255, 58.2221, 63.5540



55.3942, 58.2221, 62.0131



54.8541, 58.2221, 63.2342



55.2825, 58.2221, 64.7952

Rectangle

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



55.8255, 58.2221, 63.5540



55.6941, 58.2221, 62.4360



54.8541, 58.2221, 63.2342



54.9841, 58.2221, 64.3617

Sweetspot

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



55.8271, 58.2246, 63.5553

95.0500, 100.0000, 108.9000



55.7929, 58.1796, 64.7899



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



55.8271, 58.2246, 63.5553



92.9013, 96.5718, 105.5040



55.8261, 58.4096, 62.9784



12.3641, 12.8640, 14.0506



16.3661, 8.3570, 4.3804



0.8794, 0.4452, 0.4110

Inverse Universe

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



55.8271, 58.2246, 63.5553



92.9013, 96.5718, 105.5040



55.8389, 59.0689, 64.9592



12.3641, 12.8640, 14.0506



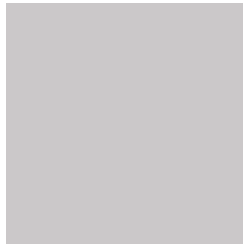
16.3661, 8.3570, 4.3804



0.8794, 0.4452, 0.4110

Previews

White Background



This preview shows how the XYZ color 55.8255, 58.2221, 63.5540 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 55.8255, 58.2221, 63.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

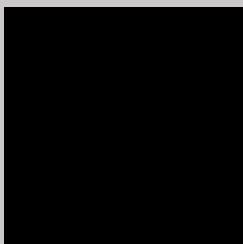
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

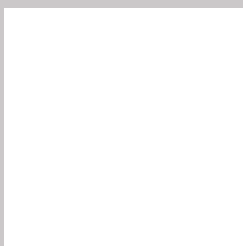
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8255, 58.2221, 63.5540

Background



This preview shows how black text looks on a background with the XYZ color 55.8255, 58.2221, 63.5540.

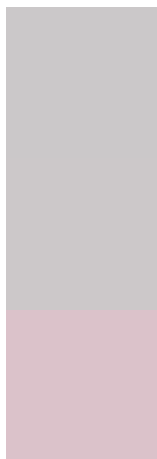


This preview shows how white text looks on a background with the XYZ color 55.8255, 58.2221,

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

55.8255, 58.2221, 63.5540

Protanopia

56.0987, 58.3630, 63.5668

Deuteranopia

59.1659, 57.9079, 63.9361



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

55.8255, 58.2221, 63.5540

Protanomaly

56.0987, 58.3630, 63.5668

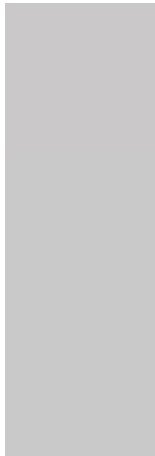
Deuteranomaly

57.8412, 57.8903, 64.0025

Tritanomaly

56.8339, 58.2877, 68.5768

Monochromacy



Original Color

55.8255, 58.2221, 63.5540

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7864, 58.5469, 63.6188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8255, 58.2221, 63.5540 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(203, 200, 201) looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 201)  
}
```

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(203, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 201) }
```

Border

The CSS property to change the border of an element to XYZ 55.8255, 58.2221, 63.5540 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(203, 200, 201) }
```

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

```
.border{ border-color:rgb(203, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 55.8255, 58.2221, 63.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 201) }
```

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

```
.background{ background-color: rgb(203,  
200, 201) }
```

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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