

Converting Colors

XYZ(56.4439, 59.0506, 63.9814)

Have a look what the booklet for
XYZ(56.4439, 59.0506, 63.9814)
contains.

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Color

**XYZ(56.3311, 58.8277,
63.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C9
RGB	204, 201, 201
RGB Percent	80%, 79%, 79%
CMY	0.2000, 0.2117, 0.2118
CMYK	0.00, 0.01, 0.01, 0.20
HSL	0°, 3%, 79%
HSV	0°, 1%, 80%
XYZ	56.3311, 58.8277, 63.6443
YIQ	201.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

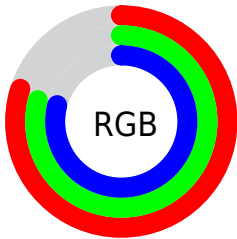
Format	Color
RYB	204, 201, 201
Decimal	13421001
CIELab	81.20, 1.04, 0.36
CIElCh	81, 1.099, 18.983
Yxy	58.8277, 0.3150, 0.3290
Android (android.graphics.Color)	4291611081 (0xFFCCC9C9)
YUV	201.8970, -0.4422, 1.8443
Hunter-Lab	76.6992, -3.1258, 4.4912

Details

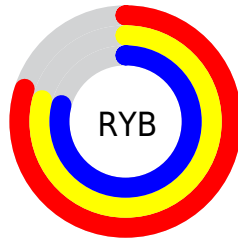
The XYZ color **56.3311, 58.8277, 63.6443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5794, 59.9621, 65.7193**, and the grayscale version is **56.0781, 58.9985, 64.2494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2779, 29.4581, 31.7993** is the 20% darker color. If you saturate the color by 10%, you get **49.6501, 49.0540, 50.3534**, and if you desaturate by 10%, it is **63.9643, 69.9942, 78.8265**.

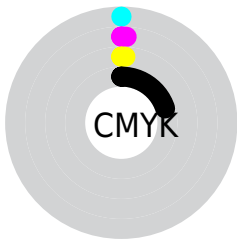
Distribution



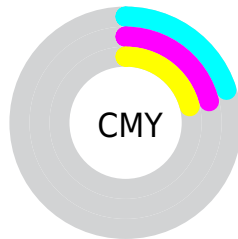
- Red (80%)
- Green (79%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3311, 58.8277, 63.6443 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 56.3311, 58.8277, 63.6443 by changing the saturation by 10% instead.

■ 56.3311, 58.8277,
63.6443

■ 56.3311, 58.8277,
63.6443

400.9929,
420.2631, 456.0762

■ 40.7065, 42.4744,
45.9183

98.6255, 103.1272,
111.6930

■ 28.2765, 29.4730,
31.8332

126.0260,
131.8422, 142.8529

■ 18.6757, 19.4389,
20.9703

158.0826,
165.4466, 179.3277

■ 11.5388, 11.9878,
12.9113

195.1605,
204.3248, 221.5361

■ 6.5004, 6.7354,
7.2375

237.6251,
248.8611, 269.8966

■ 3.1952, 3.2972,
3.5304

285.8418,

■ 1.2578, 1.2888,

299.4400, 324.8278

1.3714

340.1760,
356.4459, 386.7481

■ 0.1513, 0.1325,
0.1193

■ 0.0000, 0.0000,
0.0000

■ 56.3311, 58.8277,
63.6443

■ 56.3311, 58.8277,
63.6443

■ 49.6501, 49.0540,
50.3534

■ 63.9643, 69.9942,
78.8265

■ 43.8793, 40.6114,
38.8762

■ 72.5798, 82.5973,
95.9659

■ 38.9808, 33.4445,
29.1350

■ 78.7122, 91.5775,
108.1354

■ 34.9122, 27.4914,
21.0456

■ 31.6276, 22.6849,
14.5163

■ 29.0765, 18.9512,
9.4466

■ 27.2026, 16.2082,
5.7246

■ 25.9416, 14.3617,
3.2217

■ 25.2166, 13.2994,
1.7849

Harmonies

Analogous

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



56.3470, 58.8277, 64.2945



56.3311, 58.8277, 63.6443



56.2032, 58.8277, 63.1072

Triad

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



56.3311, 58.8277, 63.6443



55.5826, 58.8277, 63.2299



55.8299, 58.8277, 65.2983

Complementary

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



56.3311, 58.8277, 63.6443



56.5794, 59.9621, 65.7193

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.



55.6257, 58.8277, 65.0089



56.3311, 58.8277, 63.6443



55.4832, 58.8277, 63.8128

Square

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



56.3311, 58.8277, 63.6443



55.7709, 58.8277, 62.8691



55.4989, 58.8277, 64.4642



56.0572, 58.8277, 65.2525

Rectangle

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



56.3311, 58.8277, 63.6443



56.0719, 58.8277, 62.8842



55.4989, 58.8277, 64.4642



55.7563, 58.8277, 65.2370

Sweetspot

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



56.3328, 58.8302, 63.6456

95.0500, 100.0000, 108.9000



56.6884, 58.9712, 65.5223



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.



56.3328, 58.8302, 63.6456



92.6360, 96.4685, 104.0981



56.6833, 59.5314, 63.7624



12.3314, 12.8512, 13.8770



15.6756, 8.0841, 0.7342



0.8090, 0.4178, 0.0380

Inverse Universe

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



56.5794, 59.9621, 65.7193



93.1967, 99.0418, 108.8127



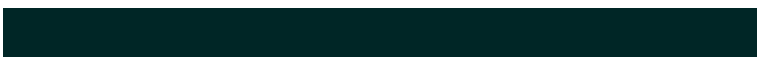
56.2254, 59.2541, 65.6013



12.4005, 13.1686, 14.4586



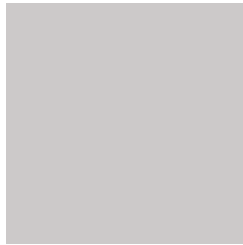
20.4167, 29.8574, 40.6433



1.0536, 1.5410, 2.0969

Previews

White Background



This preview shows how the XYZ color 56.3311, 58.8277, 63.6443 looks on a white background.

Color Contrast Check

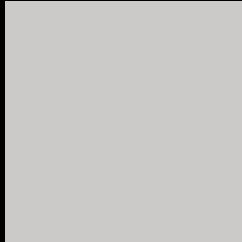
Large Text (above 18pt) WCAG AA × Fail

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 56.3311, 58.8277, 63.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

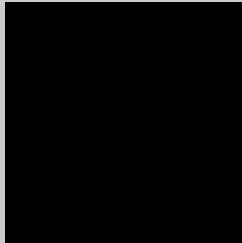
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

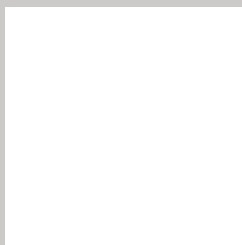
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3311, 58.8277, 63.6443

Background



This preview shows how black text looks on a background with the XYZ color 56.3311, 58.8277, 63.6443.

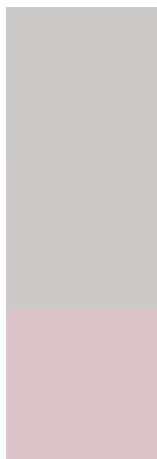


This preview shows how white text looks on a background with the XYZ color 56.3311, 58.8277,

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

56.3311, 58.8277, 63.6443

Protanopia

56.6061, 58.9695, 63.6571

Deuteranopia

59.9946, 58.6666, 64.0389



Tritanopia

58.1428, 58.8750, 72.5895

Trichromacy



Original Color

56.3311, 58.8277, 63.6443

Protanomaly

56.6061, 58.9695, 63.6571

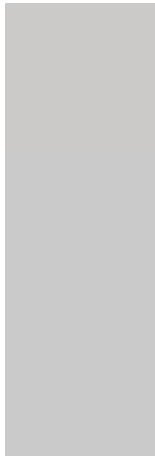
Deuteranomaly

58.6513, 58.6438, 64.1053

Tritanomaly

57.4640, 58.9408, 69.3208

Monochromacy



Original Color

56.3311, 58.8277, 63.6443

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4098, 59.2018, 64.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3311, 58.8277, 63.6443 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, 201, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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(204, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.3311, 58.8277, 63.6443 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, 201, 201) }
```

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

```
.border{ border-color:rgb(204, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(204, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 56.3311, 58.8277, 63.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 201) }
```

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

```
.background{ background-color: rgb(204,  
201, 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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