

Converting Colors

XYZ(55.6793, 58.4711, 63.5602)

Have a look what the booklet for
XYZ(55.6793, 58.4711, 63.5602)
contains.

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Color

**XYZ(55.7864, 58.5469,
63.6188)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C9
RGB	202, 201, 201
RGB Percent	79%, 79%, 79%
CMY	0.2078, 0.2117, 0.2118
CMYK	0.00, 0.00, 0.00, 0.21
HSL	0°, 1%, 79%
HSV	0°, 0%, 79%
XYZ	55.7864, 58.5469, 63.6188
YIQ	201.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

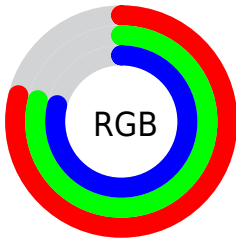
Format	Color
R _Y B	202, 201, 201
Decimal	13289929
CIE Lab	81.04, 0.35, 0.11
CIE LCh	81, 0.367, 17.917
Yxy	58.5469, 0.3135, 0.3290
Android (android.graphics.Color)	4291480009 (0xFFCAC9C9)
YUV	201.2990, -0.1474, 0.6148
Hunter-Lab	76.5159, -3.7618, 4.2648

Details

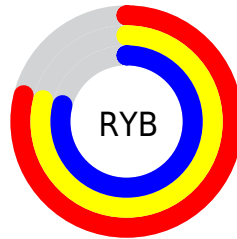
The XYZ color **55.7864, 58.5469, 63.6188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8687, 58.9222, 64.3065**, and the grayscale version is **55.7049, 58.6059, 63.8218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9129, 29.2699, 31.7823** is the 20% darker color. If you saturate the color by 10%, you get **49.1757, 48.8809, 50.4524**, and if you desaturate by 10%, it is **63.3281, 69.5731, 78.6387**.

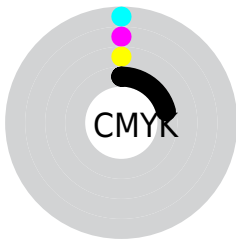
Distribution



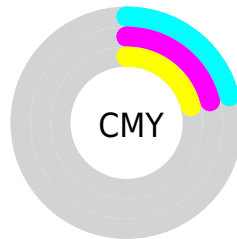
- Red (79%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7864, 58.5469, 63.6188 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 55.7864, 58.5469, 63.6188 by changing the saturation by 10% instead.

■ 55.7864, 58.5469,
63.6188

■ 55.7864, 58.5469,
63.6188

398.9741,
419.2207, 455.9814

■ 40.2680, 42.2485,
45.8978

97.8338, 102.7188,
111.6559

■ 27.9327, 29.2959,
31.8171

125.0936,
131.3612, 142.8092

■ 18.4151, 19.3048,
20.9582

156.9978,
164.8869, 179.2768

■ 11.3499, 11.8907,
12.9025

193.9120,
203.6805, 221.4776

■ 6.3717, 6.6693,
7.2315

236.2013,
248.1262, 269.8298

■ 3.1152, 3.2562,
3.5267

284.2312,

■ 1.2150, 1.2669,

298.6086, 324.7522

1.3694

338.3670,
355.5120, 386.6632

■ 0.1181, 0.1153,
0.1177

■ 0.0000, 0.0000,
0.0000

■ 55.7864, 58.5469,
63.6188

■ 55.7864, 58.5469,
63.6188

■ 49.1757, 48.8809,
50.4524

■ 63.3281, 69.5731,
78.6387

■ 43.4551, 40.5153,
39.0640

■ 71.8296, 82.0013,
95.5761

■ 38.5881, 33.3968,
29.3787

■ 78.1675, 91.2967,
108.1099

■ 34.5339, 27.4658,
21.3146

■ 31.2482, 22.6577,
14.7832

■ 28.6825, 18.9017,
9.6875

■ 26.7828, 16.1191,
5.9195

■ 25.4875, 14.2202,
3.3558

■ 24.7237, 13.0984,
1.8503

Harmonies

Analogous

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



55.7903, 58.5469, 63.8354



55.7864, 58.5469, 63.6188



55.7452, 58.5469, 63.4371

Triad

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



55.7864, 58.5469, 63.6188



55.5386, 58.5469, 63.4672



55.6165, 58.5469, 64.1582

Complementary

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



55.7864, 58.5469, 63.6188



55.8687, 58.9222, 64.3065

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.



55.5491, 58.5469, 64.0591



55.7864, 58.5469, 63.6188



55.5041, 58.5469, 63.6600

Square

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



55.7864, 58.5469, 63.6188



55.6021, 58.5469, 63.3498



55.5080, 58.5469, 63.8766



55.6921, 58.5469, 64.1471

Rectangle

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



55.7864, 58.5469, 63.6188



55.7021, 58.5469, 63.3601



55.5080, 58.5469, 63.8766



55.5921, 58.5469, 64.1367

Sweetspot

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



55.7881, 58.5494, 63.6201

95.0500, 100.0000, 108.9000



55.9053, 58.5951, 64.2414



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.



55.7881, 58.5494, 63.6201



93.8367, 98.2261, 106.4836



55.9040, 58.7813, 63.6587



12.4795, 13.0681, 14.1714



15.6796, 8.0922, 0.7355



0.8100, 0.4196, 0.0383

Inverse Universe

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



55.8687, 58.9222, 64.3065



94.1153, 99.5141, 108.8555



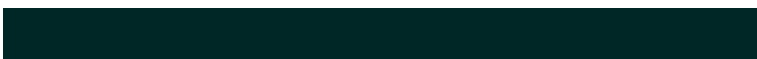
55.7524, 58.6895, 64.2677



12.5139, 13.2269, 14.4639



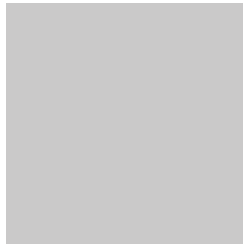
20.3493, 29.7226, 40.6208



1.0509, 1.5355, 2.0959

Previews

White Background



This preview shows how the XYZ color 55.7864, 58.5469, 63.6188 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 55.7864, 58.5469, 63.6188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

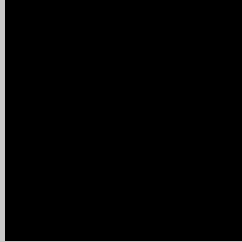
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

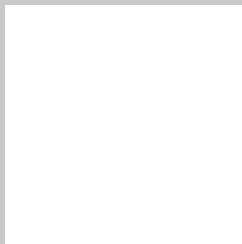
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7864, 58.5469, 63.6188

Background



This preview shows how black text looks on a background with the XYZ color 55.7864, 58.5469, 63.6188.

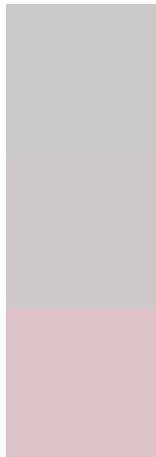


This preview shows how white text looks on a background with the XYZ color 55.7864, 58.5469,

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

55.7864, 58.5469, 63.6188

Protanopia

56.3737, 58.5047, 63.5797

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

57.5910, 58.5905, 72.5637

Trichromacy



Original Color

55.7864, 58.5469, 63.6188

Protanomaly

56.0987, 58.3630, 63.5668

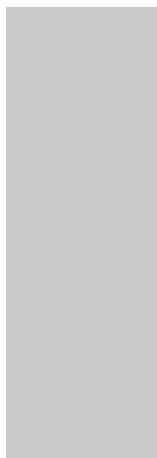
Deuteranomaly

58.0675, 58.3429, 64.0779

Tritanomaly

56.9157, 58.6582, 69.2952

Monochromacy



Original Color

55.7864, 58.5469, 63.6188

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5167, 58.4078, 63.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7864, 58.5469, 63.6188 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(202, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 201) }
```

Border

The CSS property to change the border of an element to XYZ 55.7864, 58.5469, 63.6188 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(202, 201, 201) }
```

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

```
.border{ border-color:rgb(202, 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(202, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 55.7864, 58.5469, 63.6188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 201) }
```

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

```
.background{ background-color: rgb(202,  
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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