

Converting Colors

XYZ(55.2229, 58.0988, 63.2696)

Have a look what the booklet for
XYZ(55.2229, 58.0988, 63.2696)
contains.

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Color

**XYZ(55.5167, 58.4078,
63.6061)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9C9
RGB	201, 201, 201
RGB Percent	79%, 79%, 79%
CMY	0.2118, 0.2117, 0.2118
CMYK	0.00, 0.00, 0.00, 0.21
HSL	114°, 0%, 79%
HSV	114°, 0%, 79%
XYZ	55.5167, 58.4078, 63.6061
YIQ	201.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	201, 201, 201
Decimal	13224393
CIE Lab	80.96, 0.00, -0.01
CIE LCh	81, 0.010, 297.921
Yxy	58.4078, 0.3127, 0.3290
Android (android.graphics.Color)	4291414473 (0xFFC9C9C9)
YUV	201.0000, 0.0000, 0.0000
Hunter-Lab	76.4250, -4.0776, 4.1523

Details

The XYZ color **55.5167, 58.4078, 63.6061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5187, 58.4093, 63.6092**, and the grayscale version is **55.5188, 58.4101, 63.6086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7328, 29.1771, 31.7738** is the 20% darker color. If you saturate the color by 10%, you get **48.7165, 55.1594, 51.7420**, and if you desaturate by 10%, it is **63.2049, 62.0815, 77.1295**.

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 55.5167, 58.4078, 63.6061 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 55.5167, 58.4078, 63.6061 by changing the saturation by 10% instead.

■ 55.5167, 58.4078,
63.6061

■ 55.5167, 58.4078,
63.6061

397.9722,
418.7038, 455.9342

■ 40.0510, 42.1366,
45.8876

97.4415, 102.5165,
111.6375

■ 27.7627, 29.2083,
31.8091

124.6314,
131.1227, 142.7874

■ 18.2864, 19.2384,
20.9521

156.4600,
164.6094, 179.2515

■ 11.2567, 11.8427,
12.8981

193.2928,
203.3610, 221.4484

■ 6.3084, 6.6366,
7.2285

235.4950,
247.7618, 269.7965

■ 3.0759, 3.2359,
3.5248

283.4321,

■ 1.1940, 1.2561,

298.1963, 324.7145

1.3685

337.4694,
355.0488, 386.6209

■ 0.1017, 0.1068,
0.1169

■ 0.0000, 0.0000,
0.0000

■ 55.5167, 58.4078,
63.6061

■ 55.5167, 58.4078,
63.6061

■ 48.7165, 55.1594,
51.7420

■ 63.2049, 62.0815,
77.1295

■ 42.7674, 52.3137,
41.4695

■ 71.8063, 66.1873,
92.3684

■ 37.6373, 49.8574,
32.7222

■ 80.1777, 70.2555,
103.9426

■ 33.2903, 47.7734,
25.4273

■ 29.6877, 46.0435,
19.5062

■ 26.7875, 44.6479,
14.8729

■ 24.5434, 43.5649,
11.4317

■ 22.9037, 42.7701,
9.0735

■ 21.8087, 42.2355,
7.6692

Harmonies

Analogous

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



55.5147, 58.4078, 63.6074



55.5167, 58.4078, 63.6061



55.5182, 58.4078, 63.6021

Triad

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



55.5167, 58.4078, 63.6061



55.5169, 58.4078, 63.5866



55.5109, 58.4078, 63.5958

Complementary

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



55.5167, 58.4078, 63.6061



55.5187, 58.4093, 63.6092

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.



55.5115, 58.4078, 63.5902



55.5167, 58.4078, 63.6061



55.5150, 58.4078, 63.5849

Square

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



55.5167, 58.4078, 63.6061



55.5183, 58.4078, 63.5909



55.5130, 58.4078, 63.5862



55.5114, 58.4078, 63.6014

Rectangle

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



55.5167, 58.4078, 63.6061



55.5187, 58.4078, 63.5985



55.5130, 58.4078, 63.5862



55.5110, 58.4078, 63.5938

Sweetspot

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



55.5184, 58.4103, 63.6074

95.0500, 100.0000, 108.9000



55.5191, 58.4106, 63.6074



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.



55.5184, 58.4103, 63.6074

95.0500, 100.0000, 108.9000



55.5184, 58.4103, 63.6082



11.9732, 12.5967, 13.7178



13.3467, 26.3758, 4.3876



0.6657, 1.2663, 0.2093

Inverse Universe

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



55.5187, 58.4093, 63.6092

95.0500, 100.0000, 108.9000



55.5186, 58.4093, 63.6084



11.9732, 12.5967, 13.7178



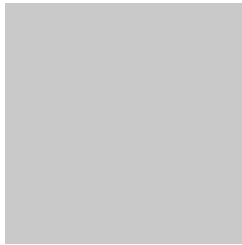
18.6946, 8.8717, 35.4714



0.9157, 0.4358, 1.6810

Previews

White Background



This preview shows how the XYZ color 55.5167, 58.4078, 63.6061 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 55.5167, 58.4078, 63.6061 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 55.5167, 58.4078, 63.6061

Background



This preview shows how black text looks on a background with the XYZ color 55.5167, 58.4078, 63.6061.

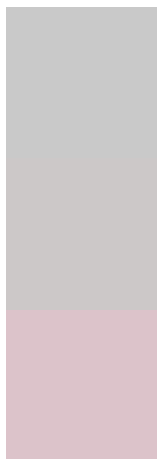


This preview shows how white text looks on a background with the XYZ color 55.5167, 58.4078,

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

55.5167, 58.4078, 63.6061

Protanopia

55.9814, 58.3161, 62.9492

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

57.3178, 58.4497, 72.5509

Trichromacy



Original Color

55.5167, 58.4078, 63.6061

Protanomaly

55.7082, 58.1752, 62.9364

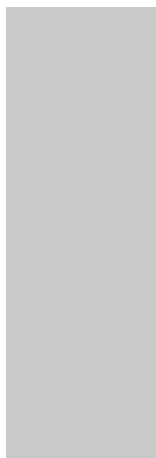
Deuteranomaly

58.0675, 58.3429, 64.0779

Tritanomaly

56.6443, 58.5183, 69.2824

Monochromacy



Original Color

55.5167, 58.4078, 63.6061

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 55.5167, 58.4078, 63.6061 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(201, 201, 201)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 55.5167, 58.4078, 63.6061 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(201, 201, 201) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 55.5167, 58.4078, 63.6061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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