

Converting Colors

XYZ(55.7682, 58.8236, 60.8319)

Have a look what the booklet for
XYZ(55.7682, 58.8236, 60.8319)
contains.

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Color

**XYZ(55.7129, 58.9231,
60.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCAC4
RGB	203, 202, 196
RGB Percent	80%, 79%, 77%
CMY	0.2039, 0.2078, 0.2314
CMYK	0.00, 0.00, 0.03, 0.20
HSL	51°, 6%, 78%
HSV	51°, 3%, 80%
XYZ	55.7129, 58.9231, 60.6615
YIQ	201.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

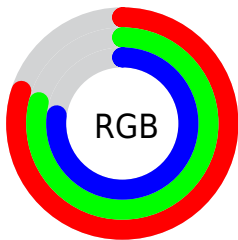
Format	Color
RYB	197, 203, 196
Decimal	13355716
CIELab	81.25, -0.73, 3.10
CIELCh	81, 3.187, 103.226
Yxy	58.9231, 0.3178, 0.3361
Android (android.graphics.Color)	4291545796 (0xFFCBCAC4)
YUV	201.6150, -2.7682, 1.2146
Hunter-Lab	76.7614, -4.7783, 6.8784

Details

The XYZ color **55.7129, 58.9231, 60.6615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5106, 55.9792, 64.4853**, and the grayscale version is **55.9162, 58.8282, 64.0639**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **27.8668, 29.5224, 29.8208** is the 20% darker color. If you saturate the color by 10%, you get **52.8861, 56.7199, 49.0802**, and if you desaturate by 10%, it is **58.8684, 61.2818, 73.8963**.

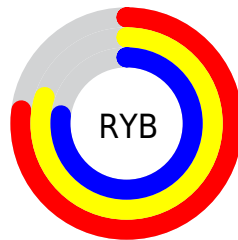
Distribution



Red (80%)

Green (79%)

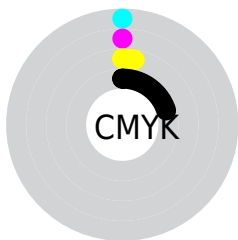
Blue (77%)



Red (77%)

Yellow (80%)

Blue (77%)

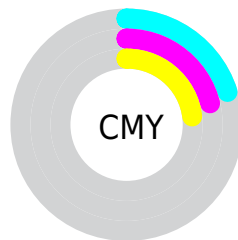


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7129, 58.9231, 60.6615 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 55.7129, 58.9231, 60.6615 by changing the saturation by 10% instead.

■ 55.7129, 58.9231,
60.6615

■ 55.7129, 58.9231,
60.6615

398.7012,
420.6169, 444.9039

■ 40.2089, 42.5512,
43.5233

97.7269, 103.2659,
107.3414

■ 27.8864, 29.5332,
29.9615

124.9677,
132.0056, 137.7202

■ 18.3800, 19.4845,
19.5575

156.8513,
165.6367, 173.3495

■ 11.3245, 12.0209,
11.8929

193.7433,
204.5436, 214.6480

■ 6.3544, 6.7579,
6.5492

236.0089,
249.1106, 262.0341

■ 3.1045, 3.3112,
3.1077

284.0135,

■ 1.2093, 1.2963,

299.7223, 315.9264

1.1499

338.1225,
356.7629, 376.7435

■ 0.1137, 0.1383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7129, 58.9231,
60.6615

■ 55.7129, 58.9231,
60.6615

■ 52.8861, 56.7199,
49.0802

■ 58.8684, 61.2818,
73.8963

■ 50.3704, 54.6595,
39.0829

■ 62.3595, 63.7933,
88.8427

■ 48.1543, 52.7390,
30.6007

■ 65.8913, 66.3416,
103.9401

■ 46.2233, 50.9525,
23.5583

■ 66.6139, 67.7868,
104.1810

■ 44.5617, 49.2937,
17.8739

■ 67.3495, 69.2580,
104.4262

■ 43.1525, 47.7555,
13.4575

■ 68.0981, 70.7551,
104.6757

■ 41.9765, 46.3302,
10.2081

■ 68.8598, 72.2785,
104.9296

■ 41.0114, 45.0088,
8.0094

■ 69.6346, 73.8281,
105.1879

■ 40.2305, 43.7806,
6.7211

■ 70.4226, 75.4042,
105.4505

Harmonies

Analogous

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



56.3741, 58.9231, 60.7180



55.7129, 58.9231, 60.6615



55.1344, 58.9231, 61.5284

Triad

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



55.7129, 58.9231, 60.6615



55.0790, 58.9231, 66.6954



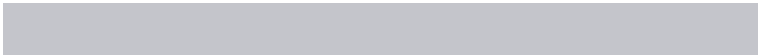
57.2366, 58.9231, 65.2188

Complementary

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



55.7129, 58.9231, 60.6615



53.5106, 55.9792, 64.4853

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.



56.8840, 58.9231, 66.8600



55.7129, 58.9231, 60.6615



55.6368, 58.9231, 67.7240

Square

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



55.7129, 58.9231, 60.6615



54.7703, 58.9231, 64.9979



56.2974, 58.9231, 67.7848



57.2573, 58.9231, 63.3239

Rectangle

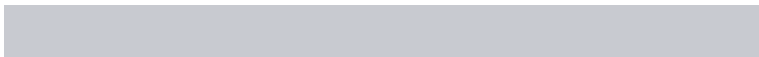
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.7129, 58.9231, 60.6615



54.8720, 58.9231, 62.5234



56.2974, 58.9231, 67.7848



57.1528, 58.9231, 65.8193

Sweetspot

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



55.7145, 58.9256, 60.6628



94.5265, 99.6056, 106.7135



54.4531, 56.2108, 60.8340



20.2381, 21.3239, 22.8641



0.0000, 0.0000, 0.0000



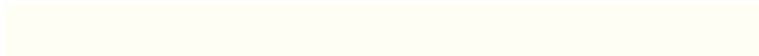
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7145, 58.9256, 60.6628



92.9896, 98.4378, 100.3255



55.2870, 59.0533, 60.7100



12.3129, 13.0467, 13.1541



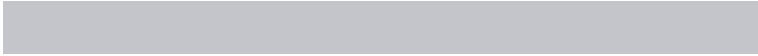
25.3712, 27.4753, 3.9661



1.3471, 1.4939, 0.2173

Inverse Universe

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



53.5106, 55.9792, 64.4853



88.6687, 92.6611, 107.8198



53.9277, 55.8596, 64.4402



11.6501, 12.1607, 14.3036



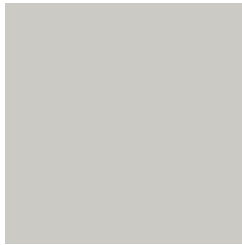
7.1781, 3.3803, 36.2304



0.4130, 0.2597, 1.8833

Previews

White Background



This preview shows how the XYZ color 55.7129, 58.9231, 60.6615 looks on a white background.

Color Contrast Check

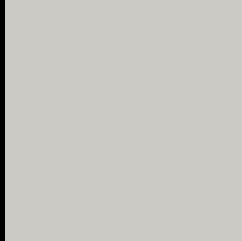
Large Text (above 18pt) WCAG AA × Fail

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 55.7129, 58.9231, 60.6615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

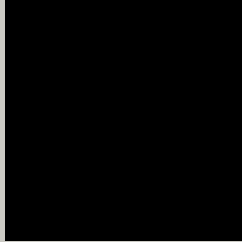
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

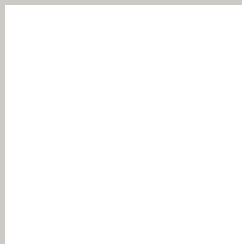
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7129, 58.9231, 60.6615

Background



This preview shows how black text looks on a background with the XYZ color 55.7129, 58.9231, 60.6615.



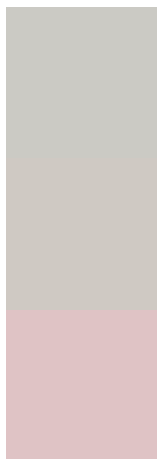
This preview shows how white text looks on a background with the XYZ color 55.7129, 58.9231,

60.6615.

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

55.7129, 58.9231, 60.6615

Protanopia

56.4691, 58.9788, 60.0376

Deuteranopia

60.0246, 58.7494, 60.9995



Tritanopia

58.1428, 58.8750, 72.5895

Trichromacy



Original Color

55.7129, 58.9231, 60.6615

Protanomaly

56.1906, 58.8352, 60.0245

Deuteranomaly

58.5910, 59.0183, 61.1269

Tritanomaly

57.2163, 58.8418, 68.0165

Monochromacy



Original Color

55.7129, 58.9231, 60.6615

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9030, 58.9677, 63.0791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7129, 58.9231, 60.6615 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, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 196)  
}
```

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, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.7129, 58.9231, 60.6615 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, 202, 196) }
```


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

```
.border{ border-color:rgb(203, 202, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7129, 58.9231, 60.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 196) }
```

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

```
.background{ background-color: rgb(203,  
202, 196) }
```

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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