

Converting Colors

XYZ(56.6653, 59.8742, 63.2666)

Have a look what the booklet for
XYZ(56.6653, 59.8742, 63.2666)
contains.

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Color

**XYZ(56.4099, 59.5785,
63.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBC8
RGB	203, 203, 200
RGB Percent	80%, 80%, 78%
CMY	0.2039, 0.2039, 0.2157
CMYK	0.00, 0.00, 0.01, 0.20
HSL	60°, 3%, 79%
HSV	60°, 1%, 80%
XYZ	56.4099, 59.5785, 63.1703
YIQ	202.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

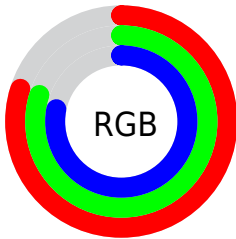
Format	Color
R _Y B	200, 203, 200
Decimal	13355976
CIE Lab	81.61, -0.54, 1.48
CIE LCh	82, 1.579, 109.993
Yxy	59.5785, 0.3149, 0.3325
Android (android.graphics.Color)	4291546056 (0xFFCBCBC8)
YUV	202.6580, -1.3104, 0.2999
Hunter-Lab	77.1871, -4.6260, 5.5078

Details

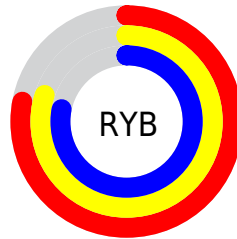
The XYZ color **56.4099, 59.5785, 63.1703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2554, 57.9013, 64.7667**, and the grayscale version is **56.5593, 59.5047, 64.8007**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3302, 29.9598, 31.4838** is the 20% darker color. If you saturate the color by 10%, you get **54.1877, 58.6908, 51.4930**, and if you desaturate by 10%, it is **58.9506, 60.5974, 76.5095**.

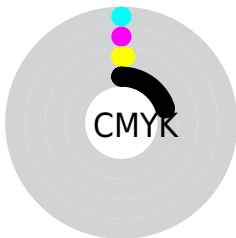
Distribution



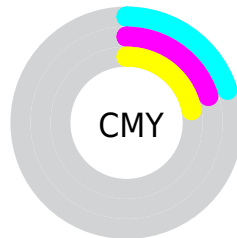
- Red (80%)
- Green (80%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4099, 59.5785, 63.1703 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 56.4099, 59.5785, 63.1703 by changing the saturation by 10% instead.

■ 56.4099, 59.5785,
63.1703

■ 56.4099, 59.5785,
63.1703

401.2844,
423.0424, 454.3122

■ 40.7699, 43.0790,
45.5371

98.7400, 104.2180,
111.0031

■ 28.3262, 29.9471,
31.5347

126.1608,
133.1267, 142.0398

■ 18.7134, 19.7984,
20.7445

158.2393,
166.9407, 178.3814

■ 11.5662, 12.2486,
12.7479

195.3409,
206.0443, 220.4465

■ 6.5191, 6.9132,
7.1265

237.8308,
250.8218, 268.6536

■ 3.2068, 3.4079,
3.4617

286.0745,

■ 1.2641, 1.3482,

301.6578, 323.4212

1.3349

340.4372,
358.9365, 385.1679

■ 0.1561, 0.1781,
0.0902

■ 0.0000, 0.0000,
0.0000

■ 56.4099, 59.5785,
63.1703

■ 56.4099, 59.5785,
63.1703

■ 54.1877, 58.6908,
51.4930

■ 58.9506, 60.5974,
76.5095

■ 52.2665, 57.9216,
41.4087

■ 61.8163, 61.7444,
91.5679

■ 50.6350, 57.2683,
32.8496

■ 64.0547, 62.6405,
103.3225

■ 49.2790, 56.7252,
25.7415

■ 64.0609, 62.6437,
103.3228

■ 48.1833, 56.2862,
20.0040

■ 64.0671, 62.6469,
103.3231

■ 47.3311, 55.9446,
15.5489

■ 64.0733, 62.6501,
103.3234

■ 46.7038, 55.6929,
12.2777

■ 64.0795, 62.6533,
103.3237

■ 46.2799, 55.5227,
10.0776

■ 64.0857, 62.6565,
103.3240

■ 46.0338, 55.4235,
8.8142

■ 64.0919, 62.6597,
103.3243

Harmonies

Analogous

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



56.7384, 59.5785, 63.0895



56.4099, 59.5785, 63.1703



56.1407, 59.5785, 63.7042

Triad

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



56.4099, 59.5785, 63.1703



56.2187, 59.5785, 66.2793



57.2577, 59.5785, 65.1886

Complementary

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



56.4099, 59.5785, 63.1703



55.2554, 57.9013, 64.7667

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.



57.1173, 59.5785, 66.0516



56.4099, 59.5785, 63.1703



56.5169, 59.5785, 66.6854

Square

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



56.4099, 59.5785, 63.1703



56.0306, 59.5785, 65.4971



56.8458, 59.5785, 66.6017



57.2287, 59.5785, 64.2486

Rectangle

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



56.4099, 59.5785, 63.1703



56.0307, 59.5785, 64.2482



56.8458, 59.5785, 66.6017



57.2287, 59.5785, 65.4975

Sweetspot

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



56.4116, 59.5811, 63.1716

95.0500, 100.0000, 108.9000



55.7100, 58.1766, 62.9375



20.3446, 21.4041, 23.3091



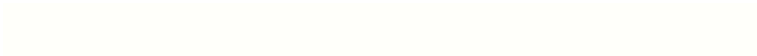
0.0000, 0.0000, 0.0000

Same Dimension

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



56.4116, 59.5811, 63.1716



94.2375, 99.6748, 104.6326



56.0055, 59.3717, 63.1526



12.5289, 13.2467, 13.9430



29.2255, 35.2416, 5.2620



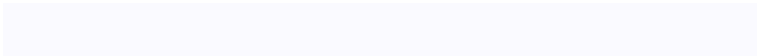
1.5081, 1.8183, 0.2715

Inverse Universe

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



55.2554, 57.9013, 64.7667



91.5951, 95.8357, 108.2783



55.6576, 58.1086, 64.7855



12.2030, 12.7732, 14.3927



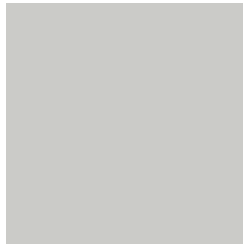
6.8623, 2.7452, 36.1245



0.3544, 0.1418, 1.8636

Previews

White Background



This preview shows how the XYZ color 56.4099, 59.5785, 63.1703 looks on a white background.

Color Contrast Check

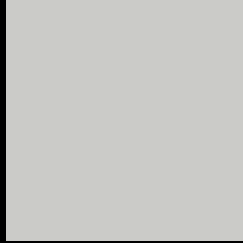
Large Text (above 18pt) WCAG AA × Fail

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 56.4099, 59.5785, 63.1703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

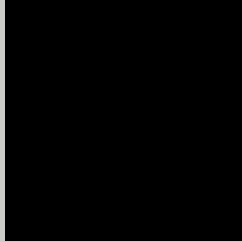
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

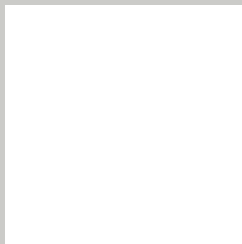
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4099, 59.5785, 63.1703

Background



This preview shows how black text looks on a background with the XYZ color 56.4099, 59.5785, 63.1703.



This preview shows how white text looks on a background with the XYZ color 56.4099, 59.5785,

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

56.4099, 59.5785, 63.1703

Protanopia

57.1615, 59.6300, 62.5298

Deuteranopia

60.7140, 59.3849, 63.5208



Tritanopia

58.2258, 59.2456, 73.3325

Trichromacy



Original Color

56.4099, 59.5785, 63.1703

Protanomaly

56.8829, 59.4864, 62.5168

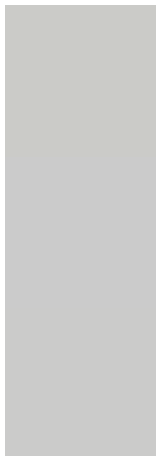
Deuteranomaly

59.2849, 59.6628, 63.6498

Tritanomaly

57.4213, 59.2638, 69.3854

Monochromacy



Original Color

56.4099, 59.5785, 63.1703

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6452, 59.6726, 64.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4099, 59.5785, 63.1703 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, 203, 200)` looks like.

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

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, 203, 200) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 56.4099, 59.5785, 63.1703 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, 203, 200) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 56.4099, 59.5785, 63.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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