

Converting Colors

XYZ(56.8327, 59.5692, 64.8649)

Have a look what the booklet for
XYZ(56.8327, 59.5692, 64.8649)
contains.

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Color

**XYZ(56.8019, 59.3902,
64.9696)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCACB
RGB	204, 202, 203
RGB Percent	80%, 79%, 80%
CMY	0.2000, 0.2078, 0.2039
CMYK	0.00, 0.01, 0.00, 0.20
HSL	330°, 2%, 80%
HSV	330°, 1%, 80%
XYZ	56.8019, 59.3902, 64.9696
YIQ	202.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

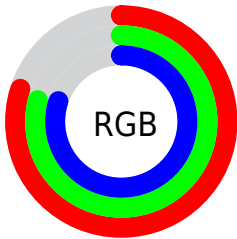
Format	Color
RYB	204, 202, 203
Decimal	13421259
CIELab	81.51, 0.87, -0.26
CIElCh	82, 0.914, 343.281
Yxy	59.3902, 0.3135, 0.3278
Android (android.graphics.Color)	4291611339 (0xFFCCCACB)
YUV	202.7120, 0.1420, 1.1296
Hunter-Lab	77.0650, -3.2978, 3.9612

Details

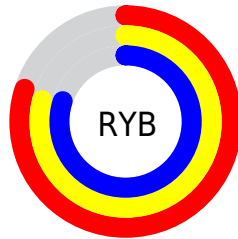
The XYZ color **56.8019, 59.3902, 64.9696** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7317, 60.0557, 65.1048**, and the grayscale version is **56.5843, 59.5311, 64.8294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5924, 29.8338, 32.6853** is the 20% darker color. If you saturate the color by 10%, you get **51.1509, 49.9724, 57.2754**, and if you desaturate by 10%, it is **63.1693, 70.1107, 73.3001**.

Distribution



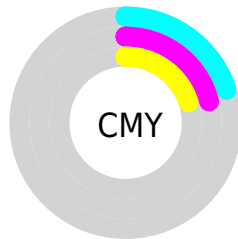
- Red (80%)
- Green (79%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8019, 59.3902, 64.9696 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 56.8019, 59.3902, 64.9696 by changing the saturation by 10% instead.

■ 56.8019, 59.3902,
64.9696

■ 56.8019, 59.3902,
64.9696

402.7328,
422.3464, 460.9859

■ 41.0857, 42.9273,
46.9852

99.3091, 103.9446,
113.6190

■ 28.5740, 29.8281,
32.6697

126.8309,
132.8048, 145.1211

■ 18.9015, 19.7081,
21.6045

159.0185,
166.5663, 181.9663

■ 11.7027, 12.1831,
13.3711

196.2374,
205.6135, 224.5730

■ 6.6123, 6.8685,
7.5508

238.8529,
250.3307, 273.3597

■ 3.2650, 3.3800,
3.7253

287.2304,

■ 1.2954, 1.3332,

301.1023, 328.7451

1.4759

341.7353,
358.3127, 391.1477

■ 0.1798, 0.1667,
0.1999

■ 0.0000, 0.0000,
0.0000

■ 56.8019, 59.3902,
64.9696

■ 56.8019, 59.3902,
64.9696

■ 51.1509, 49.9724,
57.2754

■ 63.1693, 70.1107,
73.3001

■ 46.1850, 41.7997,
50.1972

■ 70.2728, 82.1735,
82.2786

■ 41.8782, 34.8216,
43.7193

■ 75.4640, 90.2783,
91.0301

■ 38.2006, 28.9812,
37.8238

■ 76.9720, 90.8815,
98.9714

■ 35.1202, 24.2168,
32.4916

■ 78.5661, 91.5191,
107.3657

■ 32.6016, 20.4609,
27.7024

■ 78.7123, 91.5776,
108.1354

■ 30.6059, 17.6382,
23.4341

■ 29.0885, 15.6626,
19.6628

■ 27.9967, 14.4320,
16.3611

Harmonies

Analogous

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



56.7014, 59.3902, 65.4364



56.8019, 59.3902, 64.9696



56.8076, 59.3902, 64.4239

Triad

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



56.8019, 59.3902, 64.9696



56.3641, 59.3902, 63.6452



56.1810, 59.3902, 65.3913

Complementary

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



56.8019, 59.3902, 64.9696



56.7317, 60.0557, 65.1048

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.



56.0911, 59.3902, 64.9083



56.8019, 59.3902, 64.9696



56.1966, 59.3902, 63.9013

Square

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



56.8019, 59.3902, 64.9696



56.5546, 59.3902, 63.6614



56.0968, 59.3902, 64.3630



56.3428, 59.3902, 65.6808

Rectangle

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



56.8019, 59.3902, 64.9696



56.7569, 59.3902, 64.0890



56.0968, 59.3902, 64.3630



56.1414, 59.3902, 65.2461

Sweetspot

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



56.8036, 59.3928, 64.9709

95.0500, 100.0000, 108.9000



56.6504, 59.3000, 65.5880



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.



56.8036, 59.3928, 64.9709



94.0369, 98.3018, 107.5512



56.6852, 59.3454, 64.3473



12.5042, 13.0775, 14.3031



17.2245, 8.7004, 8.9009



0.9269, 0.4642, 0.6610

Inverse Universe

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



56.8036, 59.3928, 64.9709



94.0369, 98.3018, 107.5512



56.8509, 60.1034, 65.7325



12.5042, 13.0775, 14.3031



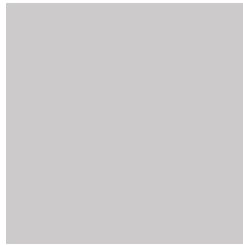
17.2245, 8.7004, 8.9009



0.9269, 0.4642, 0.6610

Previews

White Background



This preview shows how the XYZ color 56.8019, 59.3902, 64.9696 looks on a white background.

Color Contrast Check

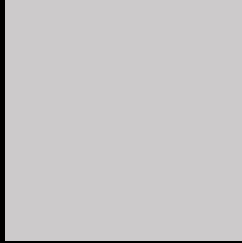
Large Text (above 18pt) WCAG AA × Fail

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 56.8019, 59.3902, 64.9696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

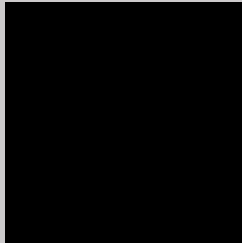
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

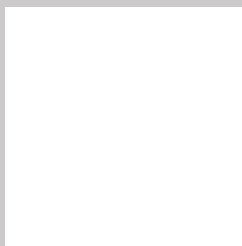
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8019, 59.3902, 64.9696

Background



This preview shows how black text looks on a background with the XYZ color 56.8019, 59.3902, 64.9696.

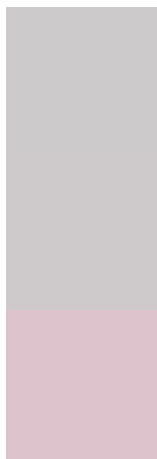


This preview shows how white text looks on a background with the XYZ color 56.8019, 59.3902,

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

56.8019, 59.3902, 64.9696

Protanopia

57.1197, 59.2069, 64.9175

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

58.5025, 59.3882, 73.3454

Trichromacy



Original Color

56.8019, 59.3902, 64.9696

Protanomaly

56.8430, 59.0642, 64.9045

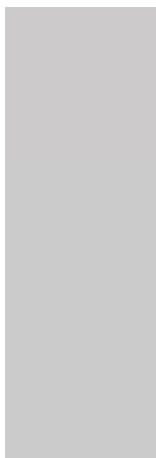
Deuteranomaly

59.1175, 59.1949, 65.4367

Tritanomaly

57.8214, 59.4556, 70.0566

Monochromacy



Original Color

56.8019, 59.3902, 64.9696

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7640, 59.7202, 65.0353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8019, 59.3902, 64.9696 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, 202, 203) looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 203)  
}
```

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, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.8019, 59.3902, 64.9696 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, 202, 203) }
```

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

```
.border{ border-color:rgb(204, 202, 203) }
```

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

Here you see how a box with a 4 pixel rgb(204, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 56.8019, 59.3902, 64.9696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 203) }
```

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

```
.background{ background-color: rgb(204,  
202, 203) }
```

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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