

Converting Colors

XYZ(56.1602, 58.0223, 68.4117)

Have a look what the booklet for
XYZ(56.1602, 58.0223, 68.4117)
contains.

XYZ(56.0194, 57.8678, 68.5387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0194, 57.8678,
68.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C7D1
RGB	201, 199, 209
RGB Percent	79%, 78%, 82%
CMY	0.2118, 0.2196, 0.1804
CMYK	0.04, 0.05, 0.00, 0.18
HSL	252°, 10%, 80%
HSV	252°, 5%, 82%
XYZ	56.0194, 57.8678, 68.5387
YIQ	200.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

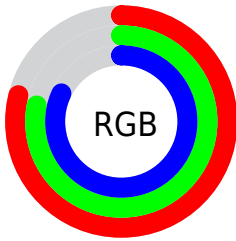
Format	Color
RYB	201, 199, 209
Decimal	13223889
CIELab	80.67, 2.55, -4.74
CIELCh	81, 5.385, 298.319
Yxy	57.8678, 0.3071, 0.3172
Android (android.graphics.Color)	4291413969 (0xFFC9C7D1)
YUV	200.7380, 4.0732, 0.2298
Hunter-Lab	76.0709, -1.6748, -0.1698

Details

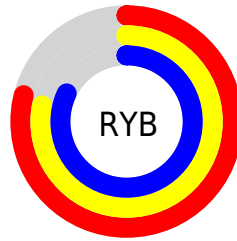
The XYZ color **56.0194, 57.8678, 68.5387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8437, 62.9915, 63.0929**, and the grayscale version is **55.3330, 58.2147, 63.3958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0744, 28.8204, 35.0936** is the 20% darker color. If you saturate the color by 10%, you get **47.2832, 46.7104, 66.8464**, and if you desaturate by 10%, it is **65.9090, 70.6035, 70.4766**.

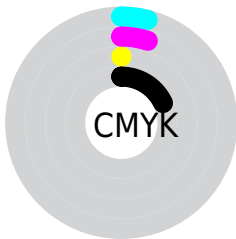
Distribution



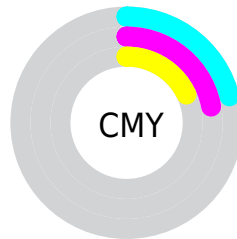
- Red (79%)
- Green (78%)
- Blue (82%)



- Red (79%)
- Yellow (78%)
- Blue (82%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0194, 57.8678, 68.5387 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 56.0194, 57.8678, 68.5387 by changing the saturation by 10% instead.

■ 56.0194, 57.8678,
68.5387

■ 56.0194, 57.8678,
68.5387

399.8384,
416.6931, 474.0521

■ 40.4555, 41.7024,
49.8667

98.1726, 101.7303,
118.7840

■ 28.0797, 28.8683,
34.9370

125.4926,
130.1962, 151.1943

■ 18.5265, 18.9812,
23.3312

157.4621,
163.5310, 189.0211

■ 11.4306, 11.6567,
14.6307

194.4464,
202.1192, 232.6830

■ 6.4267, 6.5104,
8.4169

236.8108,
246.3451, 282.5985

■ 3.1493, 3.1578,
4.2713

284.9207,

■ 1.2332, 1.2147,

296.5931, 339.1862

1.7753

339.1415,
353.2477, 402.8645

■ 0.1324, 0.0736,
0.4116

■ 0.0000, 0.0000,
0.0000

■ 56.0194, 57.8678,
68.5387

■ 56.0194, 57.8678,
68.5387

■ 47.2832, 46.7104,
66.8464

■ 65.9090, 70.6035,
70.4766

■ 39.6530, 37.0622,
65.3863

■ 76.9872, 84.9680,
72.6653

■ 33.0856, 28.8601,
64.1493

■ 87.1171, 96.6661,
74.3894

■ 27.5327, 22.0337,
63.1243

■ 88.5088, 97.3835,
74.4545

■ 22.9426, 16.5065,
62.2994

■ 19.2584, 12.1946,
61.6613

■ 16.4174, 9.0039,
61.1952

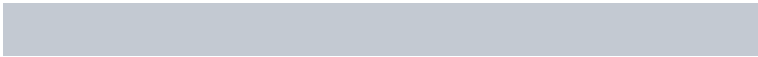
■ 14.3480, 6.8261,
60.8839

■ 12.9659, 5.5307,
60.7067

Harmonies

Analogous

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



54.9391, 57.8678, 69.3119



56.0194, 57.8678, 68.5387



56.8363, 57.8678, 66.2703

Triad

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



56.0194, 57.8678, 68.5387



56.1291, 57.8678, 57.9528



52.8975, 57.8678, 62.8292

Complementary

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



56.0194, 57.8678, 68.5387



58.8437, 62.9915, 63.0929

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.



53.2068, 57.8678, 59.8550



56.0194, 57.8678, 68.5387



55.0642, 57.8678, 57.0988

Square

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



56.0194, 57.8678, 68.5387



56.9002, 57.8678, 60.1553



53.9962, 57.8678, 57.7835



53.1457, 57.8678, 65.9499

Rectangle

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



56.0194, 57.8678, 68.5387



57.1164, 57.8678, 64.2527



53.9962, 57.8678, 57.7835



52.9397, 57.8678, 61.7798

Sweetspot

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



56.0211, 57.8703, 68.5400



93.4951, 97.9988, 108.5957



57.4170, 61.4537, 69.1581



20.0282, 20.9969, 23.2472



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.



56.0211, 57.8703, 68.5400



85.9997, 88.3749, 107.1331



57.3414, 58.5509, 68.6018



11.9350, 12.2383, 14.9768



7.7429, 3.1719, 37.3966



0.4988, 0.2113, 2.0941

Inverse Universe

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



57.9825, 58.9098, 67.3494



89.8737, 90.4284, 104.7668



57.5134, 62.3057, 63.0307



12.5217, 12.5494, 14.6175



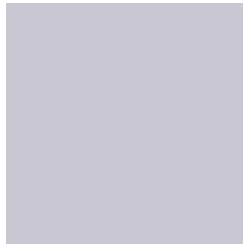
20.5636, 10.0983, 23.6719



1.1762, 0.5752, 1.4624

Previews

White Background



This preview shows how the XYZ color 56.0194, 57.8678, 68.5387 looks on a white background.

Color Contrast Check

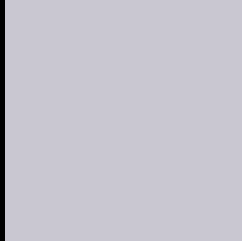
Large Text (above 18pt) WCAG AA × Fail

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 56.0194, 57.8678, 68.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

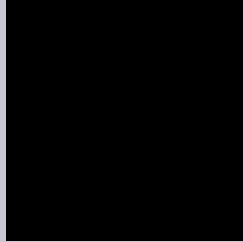
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

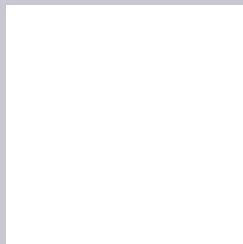
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0194, 57.8678, 68.5387

Background



This preview shows how black text looks on a background with the XYZ color 56.0194, 57.8678, 68.5387.

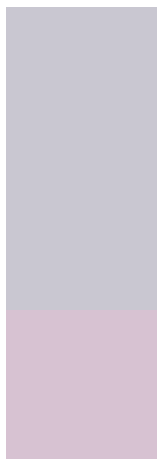


This preview shows how white text looks on a background with the XYZ color 56.0194, 57.8678,

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

56.0194, 57.8678, 68.5387

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

58.9490, 57.6838, 68.9999



Tritanopia

56.6888, 57.7998, 71.7870

Trichromacy



Original Color

56.0194, 57.8678, 68.5387

Protanomaly

56.0194, 57.8678, 68.5387

Deuteranomaly

57.9511, 57.8346, 69.0816

Tritanomaly

56.4349, 57.6982, 70.4498

Monochromacy



Original Color

56.0194, 57.8678, 68.5387

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6408, 58.0857, 65.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0194, 57.8678, 68.5387 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, 199, 209) looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 209)  
}
```

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, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.0194, 57.8678, 68.5387 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, 199, 209) }
```


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

```
.border{ border-color:rgb(201, 199, 209) }
```

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

Here you see how a box with a 4 pixel rgb(201, 199, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0194, 57.8678, 68.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 209) }
```

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

```
.background{ background-color: rgb(201,  
199, 209) }
```

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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