

Converting Colors

XYZ(55.8960, 57.8184, 67.8885)

Have a look what the booklet for
XYZ(55.8960, 57.8184, 67.8885)
contains.

XYZ(55.8960, 57.8184, 67.8885)	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(55.8960, 57.8184,
67.8885)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C7D0
RGB	201, 199, 208
RGB Percent	79%, 78%, 82%
CMY	0.2118, 0.2196, 0.1843
CMYK	0.03, 0.04, 0.00, 0.18
HSL	253°, 9%, 80%
HSV	253°, 4%, 82%
XYZ	55.8960, 57.8184, 67.8885
YIQ	200.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

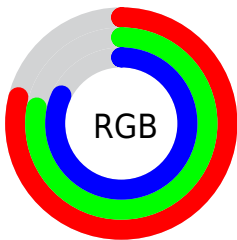
Format	Color
R _{YB}	201, 199, 208
Decimal	13223888
CIE Lab	80.64, 2.36, -4.24
CIE LCh	81, 4.858, 299.129
Yxy	57.8184, 0.3078, 0.3184
Android (android.graphics.Color)	4291413968 (0xFFC9C7D0)
YUV	200.6240, 3.6364, 0.3298
Hunter-Lab	76.0384, -1.8515, 0.2917

Details

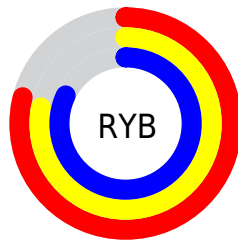
The XYZ color **55.8960, 57.8184, 67.8885** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3203, 62.3586, 62.9983**, and the grayscale version is **55.2650, 58.1431, 63.3179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9908, 28.7869, 34.6530** is the 20% darker color. If you saturate the color by 10%, you get **47.3103, 46.7681, 66.2090**, and if you desaturate by 10%, it is **65.5976, 70.4182, 69.8101**.

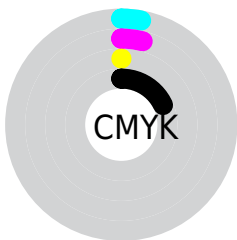
Distribution



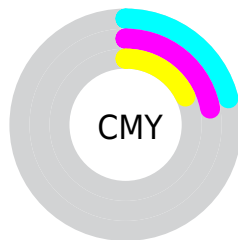
- Red (79%)
- Green (78%)
- Blue (82%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8960, 57.8184, 67.8885 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 55.8960, 57.8184, 67.8885 by changing the saturation by 10% instead.

■ 55.8960, 57.8184,
67.8885

■ 55.8960, 57.8184,
67.8885

399.3808,
416.5089, 471.6882

■ 40.3562, 41.6627,
49.3409

97.9932, 101.6584,
117.8453

■ 28.0018, 28.8372,
34.5225

125.2813,
130.1114, 150.0916

■ 18.4675, 18.9577,
23.0147

157.2163,
163.4323, 187.7413

■ 11.3879, 11.6397,
14.3989

194.1634,
202.0055, 231.2128

■ 6.3976, 6.4989,
8.2567

236.4881,
246.2153, 280.9247

■ 3.1312, 3.1507,
4.1695

284.5556,

■ 1.2235, 1.2109,

296.4463, 337.2955

1.7188

338.7314,
353.0827, 400.7438

■ 0.1248, 0.0706,
0.3736

■ 0.0000, 0.0000,
0.0000

■ 55.8960, 57.8184,
67.8885

■ 55.8960, 57.8184,
67.8885

■ 47.3103, 46.7681,
66.2090

■ 65.5976, 70.4182,
69.8101

■ 39.7949, 37.1999,
64.7582

■ 76.4483, 84.6167,
71.9787

■ 33.3086, 29.0523,
63.5274

■ 86.4089, 96.3153,
73.7118

■ 27.8053, 22.2566,
62.5058

■ 88.3853, 97.3341,
73.8043

■ 23.2356, 16.7385,
61.6816

■ 19.5454, 12.4162,
61.0418

■ 16.6749, 9.1984,
60.5719

■ 14.5563, 6.9800,
60.2554

■ 13.1094, 5.6346,
60.0720

Harmonies

Analogous

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



54.9254, 57.8184, 68.6229



55.8960, 57.8184, 67.8885



56.6217, 57.8184, 65.8226

Triad

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



55.8960, 57.8184, 67.8885



55.9472, 57.8184, 58.3449



53.0543, 57.8184, 62.8707

Complementary

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



55.8960, 57.8184, 67.8885



58.3203, 62.3586, 62.9983

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.



53.3207, 57.8184, 60.1708



55.8960, 57.8184, 67.8885



54.9839, 57.8184, 57.6070

Square

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



55.8960, 57.8184, 67.8885



56.6515, 57.8184, 60.3116



54.0239, 57.8184, 58.2654



53.2920, 57.8184, 65.6733

Rectangle

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



55.8960, 57.8184, 67.8885



56.8648, 57.8184, 63.9987



54.0239, 57.8184, 58.2654



53.0878, 57.8184, 61.9215

Sweetspot

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



55.8977, 57.8209, 67.8898



93.5157, 98.0094, 108.5966



57.0236, 60.8646, 68.4179



20.0324, 20.9990, 23.2473



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.



55.8977, 57.8209, 67.8898



87.5607, 90.3001, 107.4225



57.1116, 58.4467, 67.9466



12.1394, 12.4885, 15.0144



7.8717, 3.2383, 37.4027



0.5101, 0.2171, 2.0946

Inverse Universe

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



57.5784, 58.7155, 66.6938



90.6642, 91.9522, 105.2067



57.1021, 61.7305, 62.9413



12.6227, 12.7458, 14.6684



20.3052, 9.9949, 22.3112



1.1637, 0.5702, 1.3970

Previews

White Background



This preview shows how the XYZ color 55.8960, 57.8184, 67.8885 looks on a white background.

Color Contrast Check

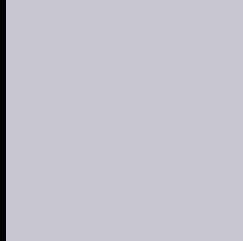
Large Text (above 18pt) WCAG AA × Fail

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 55.8960, 57.8184, 67.8885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

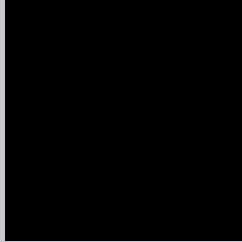
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

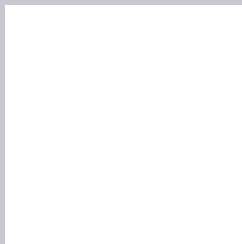
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8960, 57.8184, 67.8885

Background



This preview shows how black text looks on a background with the XYZ color 55.8960, 57.8184, 67.8885.

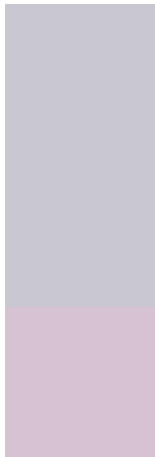


This preview shows how white text looks on a background with the XYZ color 55.8960, 57.8184,

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

55.8960, 57.8184, 67.8885

Protanopia

55.8960, 57.8184, 67.8885

Deuteranopia

58.8247, 57.6341, 68.3457



Tritanopia

56.6888, 57.7998, 71.7870

Trichromacy



Original Color

55.8960, 57.8184, 67.8885

Protanomaly

55.8960, 57.8184, 67.8885

Deuteranomaly

57.8269, 57.7849, 68.4274

Tritanomaly

56.4349, 57.6982, 70.4498

Monochromacy



Original Color

55.8960, 57.8184, 67.8885

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 55.8960, 57.8184, 67.8885 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.8960, 57.8184, 67.8885 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, 208) }
```


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

```
.border{ border-color:rgb(201, 199, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8960, 57.8184, 67.8885 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, 208) }
```

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

```
.background{ background-color: rgb(201,  
199, 208) }
```

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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