

Converting Colors

XYZ(56.9157, 58.6582, 69.2952)

Have a look what the booklet for
XYZ(56.9157, 58.6582, 69.2952)
contains.

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Color

**XYZ(56.9157, 58.6582,
69.2952)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC8D2
RGB	203, 200, 210
RGB Percent	80%, 78%, 82%
CMY	0.2039, 0.2157, 0.1765
CMYK	0.03, 0.05, 0.00, 0.18
HSL	258°, 10%, 80%
HSV	258°, 5%, 82%
XYZ	56.9157, 58.6582, 69.2952
YIQ	202.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

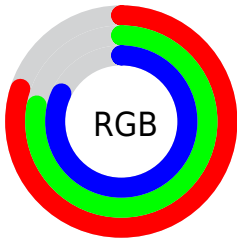
Format	Color
R _{YB}	203, 200, 210
Decimal	13355218
CIE Lab	81.10, 2.89, -4.61
CIE LCh	81, 5.444, 302.065
Yxy	58.6582, 0.3079, 0.3173
Android (android.graphics.Color)	4291545298 (0xFFCBC8D2)
YUV	202.0370, 3.9258, 0.8446
Hunter-Lab	76.5886, -1.3805, -0.0318

Details

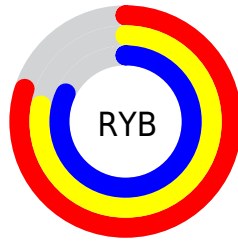
The XYZ color **56.9157, 58.6582, 69.2952** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2064, 63.5304, 63.7886**, and the grayscale version is **56.1404, 59.0641, 64.3208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6741, 29.3476, 35.6059** is the 20% darker color. If you saturate the color by 10%, you get **48.5661, 47.6243, 67.6064**, and if you desaturate by 10%, it is **66.3166, 71.2290, 71.2270**.

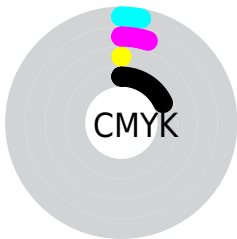
Distribution



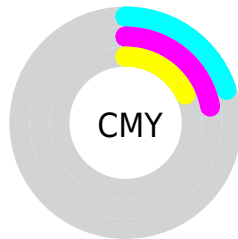
- Red (80%)
- Green (78%)
- Blue (82%)



- Red (80%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9157, 58.6582, 69.2952 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 56.9157, 58.6582, 69.2952 by changing the saturation by 10% instead.

■ 56.9157, 58.6582,
69.2952

■ 56.9157, 58.6582,
69.2952

403.1526,
419.6341, 476.7935

■ 41.1774, 42.3380,
50.4789

99.4742, 102.8807,
119.8748

■ 28.6460, 29.3661,
35.4202

127.0252,
131.5519, 152.4752

■ 18.9562, 19.3579,
23.7006

159.2445,
165.1088, 190.5073

■ 11.7424, 11.9292,
14.9015

196.4974,
203.9359, 234.3898

■ 6.6395, 6.6955,
8.6045

239.1493,
248.4176, 284.5411

■ 3.2820, 3.2724,
4.3908

287.5656,

■ 1.3046, 1.2755,

298.9383, 341.3798

1.8421

342.1116,
355.8823, 405.3244

■ 0.1866, 0.1221,
0.4555

■ 0.0000, 0.0000,
0.0000

■ 56.9157, 58.6582,
69.2952

■ 56.9157, 58.6582,
69.2952

■ 48.5661, 47.6243,
67.6064

■ 66.3166, 71.2290,
71.2270

■ 41.2251, 38.0602,
66.1473

■ 76.7993, 85.3854,
73.4070

■ 34.8546, 29.9050,
64.9089

■ 85.7922, 95.9687,
74.9758

■ 29.4120, 23.0905,
63.8804

■ 88.6330, 97.4332,
75.1087

■ 24.8511, 17.5427,
63.0500

■ 21.1220, 13.1805,
62.4045

■ 18.1689, 9.9127,
61.9294

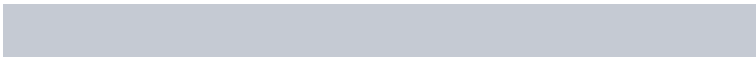
■ 15.9286, 7.6345,
61.6078

■ 14.3259, 6.2192,
61.4191

Harmonies

Analogous

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



55.8313, 58.6582, 70.2993



56.9157, 58.6582, 69.2952



57.6969, 58.6582, 66.8320

Triad

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



56.9157, 58.6582, 69.2952



56.7782, 58.6582, 58.5213



53.6071, 58.6582, 64.0936

Complementary

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



56.9157, 58.6582, 69.2952



59.2064, 63.5304, 63.7886

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.



53.8530, 58.6582, 60.9945



56.9157, 58.6582, 69.2952



55.6745, 58.6582, 57.8430

Square

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



56.9157, 58.6582, 69.2952



57.6167, 58.6582, 60.6182



54.6060, 58.6582, 58.7334



53.9296, 58.6582, 67.2336

Rectangle

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



56.9157, 58.6582, 69.2952



57.9352, 58.6582, 64.7327



54.6060, 58.6582, 58.7334



53.6260, 58.6582, 63.0126

Sweetspot

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



56.9174, 58.6607, 69.2965



93.5880, 98.0467, 108.6000



57.8076, 61.6409, 69.8248



20.0471, 21.0066, 23.2480



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.



56.9174, 58.6607, 69.2965



86.5294, 88.6480, 107.1579



58.2546, 59.3501, 69.3591



12.0150, 12.2796, 14.9806



8.4335, 3.5279, 37.4290



0.5516, 0.2385, 2.0965

Inverse Universe

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



58.4972, 59.5179, 67.4396



89.6321, 90.3318, 103.4947



57.8762, 62.8446, 63.7264



12.4851, 12.5347, 14.4246



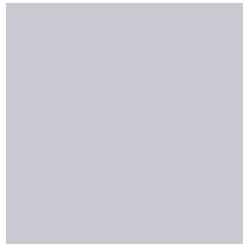
19.4736, 9.6623, 17.9322



1.1230, 0.5539, 1.1825

Previews

White Background



This preview shows how the XYZ color 56.9157, 58.6582, 69.2952 looks on a white background.

Color Contrast Check

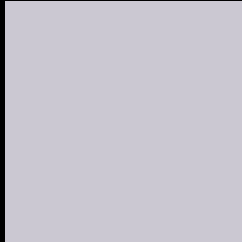
Large Text (above 18pt) WCAG AA × Fail

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 56.9157, 58.6582, 69.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

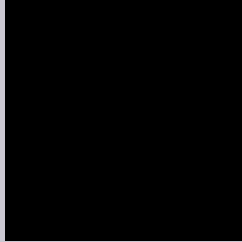
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9157, 58.6582, 69.2952

Background



This preview shows how black text looks on a background with the XYZ color 56.9157, 58.6582, 69.2952.

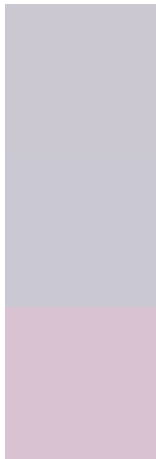


This preview shows how white text looks on a background with the XYZ color 56.9157, 58.6582,

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

56.9157, 58.6582, 69.2952

Protanopia

56.6443, 58.5183, 69.2824

Deuteranopia

59.8882, 58.4851, 69.7603



Tritanopia

57.5910, 58.5905, 72.5637

Trichromacy



Original Color

56.9157, 58.6582, 69.2952

Protanomaly

56.6443, 58.5183, 69.2824

Deuteranomaly

58.8755, 58.6327, 69.8422

Tritanomaly

57.3355, 58.4883, 71.2183

Monochromacy



Original Color

56.9157, 58.6582, 69.2952

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2632, 58.7376, 66.1297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9157, 58.6582, 69.2952 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, 200, 210) looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 210)  
}
```

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, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.9157, 58.6582, 69.2952 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, 200, 210) }
```


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

```
.border{ border-color:rgb(203, 200, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9157, 58.6582, 69.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 210) }
```

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

```
.background{ background-color: rgb(203,  
200, 210) }
```

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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