

Converting Colors

XYZ(56.9390, 59.2875, 64.1892)

Have a look what the booklet for
XYZ(56.9390, 59.2875, 64.1892)
contains.

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Color

**XYZ(56.7242, 59.0167,
64.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC9CA
RGB	205, 201, 202
RGB Percent	80%, 79%, 79%
CMY	0.1961, 0.2117, 0.2078
CMYK	0.00, 0.02, 0.01, 0.20
HSL	345°, 4%, 80%
HSV	345°, 2%, 80%
XYZ	56.7242, 59.0167, 64.2788
YIQ	202.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

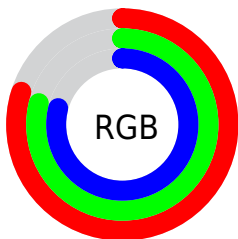
Format	Color
R_{YB}	205, 201, 202
Decimal	13486538
CIE Lab	81.30, 1.57, -0.02
CIE LCh	81, 1.566, 359.374
Yxy	59.0167, 0.3151, 0.3278
Android (android.graphics.Color)	4291676618 (0xFFCDC9CA)
YUV	202.3100, -0.1528, 2.3591
Hunter-Lab	76.8223, -2.6379, 4.1665

Details

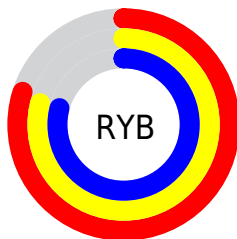
The XYZ color **56.7242, 59.0167, 64.2788** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8201, 60.4414, 65.8015**, and the grayscale version is **56.3340, 59.2678, 64.5426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5415, 29.5849, 32.2231** is the 20% darker color. If you saturate the color by 10%, you get **50.5288, 49.3973, 53.6683**, and if you desaturate by 10%, it is **63.7424, 69.9894, 76.0616**.

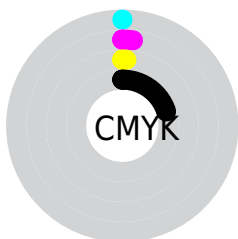
Distribution



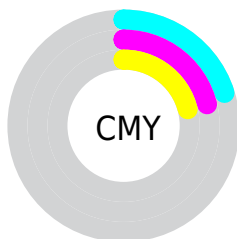
- Red (80%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7242, 59.0167, 64.2788 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 56.7242, 59.0167, 64.2788 by changing the saturation by 10% instead.

■ 56.7242, 59.0167,
64.2788

■ 56.7242, 59.0167,
64.2788

402.4460,
420.9638, 458.4308

■ 41.0231, 42.6266,
46.4289

99.1963, 103.4019,
112.6157

■ 28.5249, 29.5922,
32.2333

126.6981,
132.1658, 143.9397

■ 18.8642, 19.5293,
21.2735

158.8641,
165.8231, 180.5923

■ 11.6756, 12.0533,
13.1309

196.0598,
204.7581, 222.9918

■ 6.5938, 6.7800,
7.3869

238.6505,
249.3553, 271.5569

■ 3.2535, 3.3249,
3.6231

287.0015,

■ 1.2892, 1.3036,

299.9991, 326.7061

1.4210

341.4782,
357.0738, 388.8578

■ 0.1751, 0.1440,
0.1580

■ 0.0000, 0.0000,
0.0000

■ 56.7242, 59.0167,
64.2788

■ 56.7242, 59.0167,
64.2788

■ 50.5288, 49.3973,
53.6683

■ 63.7424, 69.9894,
76.0616

■ 45.1210, 41.0714,
44.1898

■ 71.6072, 82.3572,
89.0473

■ 40.4700, 33.9858,
35.8067

■ 77.9064, 91.2870,
102.4567

■ 36.5413, 28.0807,
28.4785

■ 78.9873, 91.7193,
108.1483

■ 33.2977, 23.2915,
22.1626

■ 30.6985, 19.5473,
16.8131

■ 28.6985, 16.7689,
12.3804

■ 27.2464, 14.8657,
8.8102

■ 26.2815, 13.7296,
6.0419

Harmonies

Analogous

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



56.6360, 59.0167, 65.1802



56.7242, 59.0167, 64.2788



56.6429, 59.0167, 63.3806

Triad

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



56.7242, 59.0167, 64.2788



55.7860, 59.0167, 62.7038



55.7741, 59.0167, 65.8200

Complementary

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



56.7242, 59.0167, 64.2788



56.8201, 60.4414, 65.8015

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.



55.5479, 59.0167, 65.1458



56.7242, 59.0167, 64.2788



55.5547, 59.0167, 63.3469

Square

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



56.7242, 59.0167, 64.2788



56.1005, 59.0167, 62.4766



55.4677, 59.0167, 64.2395



56.0867, 59.0167, 66.0753

Rectangle

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



56.7242, 59.0167, 64.2788



56.5037, 59.0167, 62.9031



55.4677, 59.0167, 64.2395



55.6855, 59.0167, 65.6345

Sweetspot

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



56.7259, 59.0192, 64.2801



93.9352, 98.2611, 107.0156



56.8099, 59.0211, 66.1566



20.1178, 21.0502, 22.9256



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.



56.7259, 59.0192, 64.2801



92.8342, 96.5449, 105.1509



56.8419, 59.4396, 63.7384



12.3558, 12.8607, 14.0070



16.0795, 8.2424, 2.8716



0.8608, 0.4377, 0.3130

Inverse Universe

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



56.7259, 59.0192, 64.2801



92.8342, 96.5449, 105.1509



56.7018, 60.0129, 66.3537



12.3558, 12.8607, 14.0070



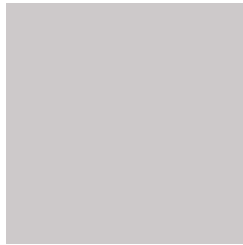
16.0795, 8.2424, 2.8716



0.8608, 0.4377, 0.3130

Previews

White Background



This preview shows how the XYZ color 56.7242, 59.0167, 64.2788 looks on a white background.

Color Contrast Check

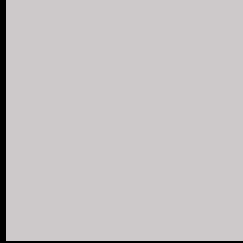
Large Text (above 18pt) WCAG AA × Fail

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 56.7242, 59.0167, 64.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

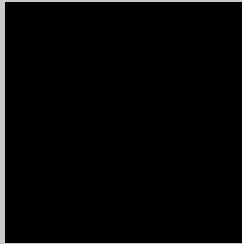
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

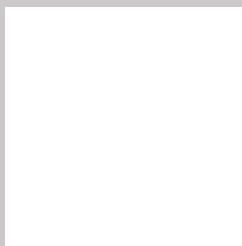
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7242, 59.0167, 64.2788

Background



This preview shows how black text looks on a background with the XYZ color 56.7242, 59.0167, 64.2788.

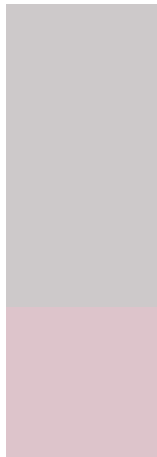


This preview shows how white text looks on a background with the XYZ color 56.7242, 59.0167,

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

56.7242, 59.0167, 64.2788

Protanopia

56.7242, 59.0167, 64.2788

Deuteranopia

60.3382, 59.1638, 64.7395



Tritanopia

58.4213, 59.0185, 72.6026

Trichromacy



Original Color

56.7242, 59.0167, 64.2788

Protanomaly

56.7242, 59.0167, 64.2788

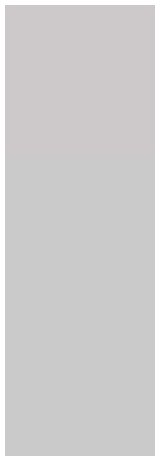
Deuteranomaly

58.9979, 59.1470, 64.8069

Tritanomaly

57.7407, 59.0835, 69.3338

Monochromacy



Original Color

56.7242, 59.0167, 64.2788

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4098, 59.2018, 64.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7242, 59.0167, 64.2788 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(205, 201, 202) looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 202)  
}
```

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(205, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.7242, 59.0167, 64.2788 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(205, 201, 202) }
```


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

```
.border{ border-color:rgb(205, 201, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7242, 59.0167, 64.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 202) }
```

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

```
.background{ background-color: rgb(205,  
201, 202) }
```

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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