

Converting Colors

XYZ(59.0046, 60.8046, 66.5425)

Have a look what the booklet for
XYZ(59.0046, 60.8046, 66.5425)
contains.

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Color

**XYZ(58.9537, 60.8213,
66.3901)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CBCD
RGB	210, 203, 205
RGB Percent	82%, 80%, 80%
CMY	0.1765, 0.2039, 0.1961
CMYK	0.00, 0.03, 0.02, 0.18
HSL	343°, 7%, 81%
HSV	343°, 3%, 82%
XYZ	58.9537, 60.8213, 66.3901
YIQ	205.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

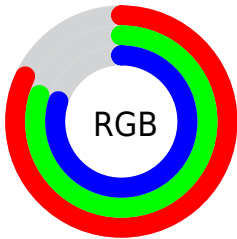
Format	Color
R _{YB}	210, 203, 205
Decimal	13814733
CIE Lab	82.28, 2.78, -0.14
CIE LCh	82, 2.782, 357.084
Yxy	60.8213, 0.3167, 0.3267
Android (android.graphics.Color)	4292004813 (0xFFD2CBCD)
YUV	205.3210, -0.1583, 4.1035
Hunter-Lab	77.9880, -1.5450, 4.1189

Details

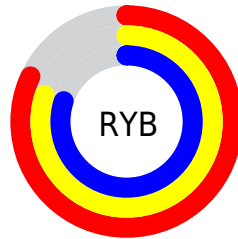
The XYZ color **58.9537, 60.8213, 66.3901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0626, 63.3453, 68.7915**, and the grayscale version is **58.2335, 61.2662, 66.7189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0437, 30.7972, 33.6391** is the 20% darker color. If you saturate the color by 10%, you get **52.6012, 50.8772, 55.7595**, and if you desaturate by 10%, it is **66.1552, 72.1837, 78.1626**.

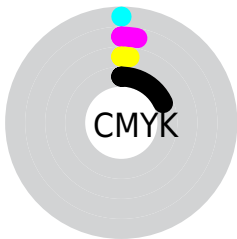
Distribution



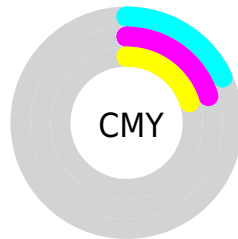
- Red (82%)
- Green (80%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9537, 60.8213, 66.3901 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 58.9537, 60.8213, 66.3901 by changing the saturation by 10% instead.

■ 58.9537, 60.8213,
66.3901

■ 58.9537, 60.8213,
66.3901

410.6271,
427.6185, 466.2130

■ 42.8221, 44.0810,
48.1307

102.4254,
106.0202, 115.6784

■ 29.9395, 30.7342,
33.5696

130.4961,
135.2475, 147.5443

■ 19.9405, 20.3965,
22.2885

163.2773,
169.4059, 184.7828

■ 12.4598, 12.6836,
13.8687

201.1343,
208.8798, 227.8125

■ 7.1321, 7.2110,
7.8917

244.4324,
254.0536, 277.0517

■ 3.5919, 3.5944,
3.9389

293.5370,

■ 1.4739, 1.4494,

305.3118, 332.9192

1.5919

348.8135,
363.0386, 395.8335

■ 0.3080, 0.2527,
0.2850

■ 0.0000, 0.0000,
0.0000

■ 58.9537, 60.8213,
66.3901

■ 58.9537, 60.8213,
66.3901

■ 52.6012, 50.8772,
55.7595

■ 66.1552, 72.1837,
78.1626

■ 47.0609, 42.2878,
46.2322

■ 74.2305, 85.0090,
91.1060

■ 42.3007, 34.9967,
37.7733

■ 79.5978, 92.1255,
104.0494

■ 38.2846, 28.9400,
30.3443

■ 80.3887, 92.4418,
108.2139

■ 34.9735, 24.0487,
23.9046

■ 32.3248, 20.2470,
18.4105

■ 30.2908, 17.4497,
13.8149

■ 28.8171, 15.5590,
10.0662

■ 27.8391, 14.4573,
7.1064

Harmonies

Analogous

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



58.7702, 60.8213, 68.0123



58.9537, 60.8213, 66.3901



58.8287, 60.8213, 64.7501

Triad

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



58.9537, 60.8213, 66.3901



57.2918, 60.8213, 63.3623



57.1922, 60.8213, 69.0000

Complementary

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



58.9537, 60.8213, 66.3901



59.0626, 63.3453, 68.7915

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.



56.8008, 60.8213, 67.7202



58.9537, 60.8213, 66.3901



56.8580, 60.8213, 64.4674

Square

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



58.9537, 60.8213, 66.3901



57.8668, 60.8213, 63.0197



56.6789, 60.8213, 66.0583



57.7509, 60.8213, 69.5352

Rectangle

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



58.9537, 60.8213, 66.3901



58.5878, 60.8213, 63.8640



56.6789, 60.8213, 66.0583



57.0368, 60.8213, 68.6416

Sweetspot

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



58.9554, 60.8239, 66.3914



93.9498, 98.2670, 107.0927



58.9751, 60.7632, 69.5937



20.1207, 21.0514, 22.9413



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.



58.9554, 60.8239, 66.3914



90.7303, 93.2032, 101.7797



59.0479, 61.3920, 65.2408



12.6053, 12.8969, 14.0892



16.7464, 8.5714, 3.5708



0.9707, 0.4930, 0.3805

Inverse Universe

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



58.9554, 60.8239, 66.3914



90.7303, 93.2032, 101.7797



58.9659, 62.7563, 69.9788



12.6053, 12.8969, 14.0892



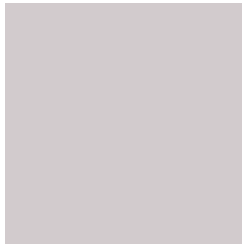
16.7464, 8.5714, 3.5708



0.9707, 0.4930, 0.3805

Previews

White Background



This preview shows how the XYZ color 58.9537, 60.8213, 66.3901 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 58.9537, 60.8213, 66.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

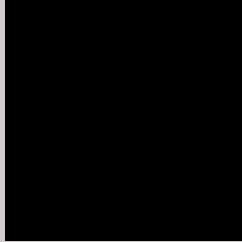
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

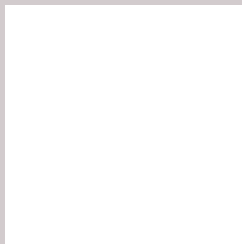
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9537, 60.8213, 66.3901

Background



This preview shows how black text looks on a background with the XYZ color 58.9537, 60.8213, 66.3901.

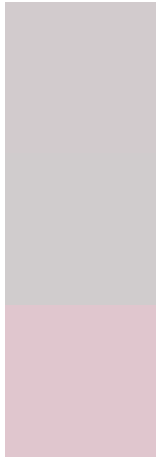


This preview shows how white text looks on a background with the XYZ color 58.9537, 60.8213,

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

58.9537, 60.8213, 66.3901

Protanopia

58.6247, 61.0034, 66.4426

Deuteranopia

62.0751, 60.6917, 66.8355



Tritanopia

60.5624, 60.7801, 74.1854

Trichromacy



Original Color

58.9537, 60.8213, 66.3901

Protanomaly

58.9068, 61.1488, 66.4558

Deuteranomaly

61.0083, 60.8249, 66.9174

Tritanomaly

59.9947, 60.8940, 71.5425

Monochromacy



Original Color

58.9537, 60.8213, 66.3901

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3444, 60.8589, 66.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9537, 60.8213, 66.3901 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(210, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 205)  
}
```

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(210, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.9537, 60.8213, 66.3901 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(210, 203, 205) }
```


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

```
.border{ border-color:rgb(210, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9537, 60.8213, 66.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 205) }
```

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

```
.background{ background-color: rgb(210,  
203, 205) }
```

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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