

Converting Colors

XYZ(58.1138, 60.4862, 66.6676)

Have a look what the booklet for
XYZ(58.1138, 60.4862, 66.6676)
contains.

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Color

**XYZ(58.1075, 60.3850,
66.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBCD
RGB	207, 203, 205
RGB Percent	81%, 80%, 80%
CMY	0.1882, 0.2039, 0.1961
CMYK	0.00, 0.02, 0.01, 0.19
HSL	330°, 4%, 80%
HSV	330°, 2%, 81%
XYZ	58.1075, 60.3850, 66.3505
YIQ	204.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

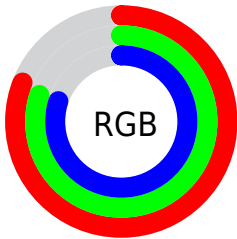
Format	Color
R _Y B	207, 203, 205
Decimal	13618125
CIE Lab	82.05, 1.74, -0.51
CIE LCh	82, 1.818, 343.578
Yxy	60.3850, 0.3144, 0.3267
Android (android.graphics.Color)	4291808205 (0xFFCFCBCD)
YUV	204.4240, 0.2840, 2.2592
Hunter-Lab	77.7078, -2.5118, 3.7709

Details

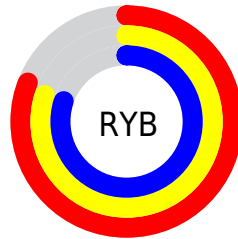
The XYZ color **58.1075, 60.3850, 66.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9631, 61.7315, 66.6210**, and the grayscale version is **57.6617, 60.6646, 66.0637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4702, 30.5016, 33.6123** is the 20% darker color. If you saturate the color by 10%, you get **52.3329, 50.7704, 58.4597**, and if you desaturate by 10%, it is **64.6210, 71.3433, 74.8976**.

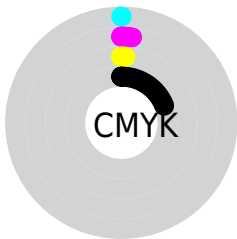
Distribution



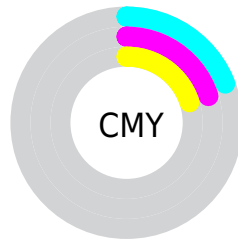
- Red (81%)
- Green (80%)
- Blue (80%)



- Red (81%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1075, 60.3850, 66.3505 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 58.1075, 60.3850, 66.3505 by changing the saturation by 10% instead.

■ 58.1075, 60.3850,
66.3505

■ 58.1075, 60.3850,
66.3505

407.5338,
426.0154, 466.0677

■ 42.1387, 43.7290,
48.0987

101.2015,
105.3880, 115.6210

■ 29.4015, 30.4575,
33.5445

129.0573,
134.5037, 147.4769

■ 19.5305, 20.1861,
22.2694

161.6062,
168.5416, 184.7045

■ 12.1605, 12.5304,
13.8548

199.2135,
207.8859, 227.7224

■ 6.9261, 7.1060,
7.8821

242.2445,
252.9210, 276.9491

■ 3.4618, 3.5285,
3.9329

291.0647,

■ 1.4024, 1.4135,

304.0314, 332.8032

1.5886

346.0393,
361.6014, 395.7032

■ 0.2580, 0.2266,
0.2827

■ 0.0000, 0.0000,
0.0000

■ 58.1075, 60.3850,
66.3505

■ 58.1075, 60.3850,
66.3505

■ 52.3329, 50.7704,
58.4597

■ 64.6210, 71.3433,
74.8976

■ 47.2648, 42.4398,
51.2042

■ 71.8941, 83.6866,
84.1133

■ 42.8760, 35.3403,
44.5678

■ 76.6441, 90.8462,
92.9115

■ 39.1353, 29.4124,
38.5316

■ 78.1941, 91.4662,
101.0737

■ 36.0092, 24.5919,
33.0759

■ 79.5425, 92.0056,
108.1743

■ 33.4609, 20.8079,
28.1795

■ 31.4493, 17.9816,
23.8195

■ 29.9277, 16.0224,
19.9705

■ 28.8404, 14.8222,
16.6040

Harmonies

Analogous

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



57.9062, 60.3850, 67.2977



58.1075, 60.3850, 66.3505



58.1171, 60.3850, 65.2523

Triad

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



58.1075, 60.3850, 66.3505



57.2204, 60.3850, 63.7086



56.8592, 60.3850, 67.2221

Complementary

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



58.1075, 60.3850, 66.3505



57.9631, 61.7315, 66.6210

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.



56.6772, 60.3850, 66.2482



58.1075, 60.3850, 66.3505



56.8851, 60.3850, 64.2243

Square

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



58.1075, 60.3850, 66.3505



57.6038, 60.3850, 63.7353



56.6866, 60.3850, 65.1511



57.1850, 60.3850, 67.8047

Rectangle

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



58.1075, 60.3850, 66.3505



58.0134, 60.3850, 64.5828



56.6866, 60.3850, 65.1511



56.7793, 60.3850, 66.9291

Sweetspot

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



58.1092, 60.3876, 66.3518



94.0371, 98.3019, 107.5522



57.7974, 60.1988, 67.6057



20.1385, 21.0585, 23.0348



0.0000, 0.0000, 0.0000



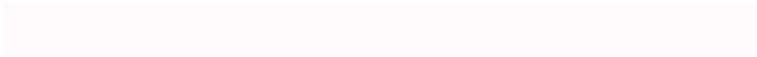
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.1092, 60.3876, 66.3518



93.0363, 96.6258, 106.2151



57.8697, 60.2918, 65.0904



13.0431, 13.5587, 14.8945



17.8158, 8.9991, 9.2019



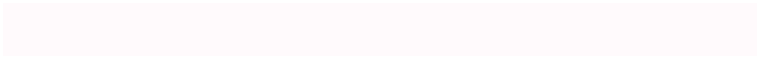
1.0362, 0.5192, 0.7254

Inverse Universe

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



58.1092, 60.3876, 66.3518



93.0363, 96.6258, 106.2151



58.2057, 61.8286, 67.8987



13.0431, 13.5587, 14.8945



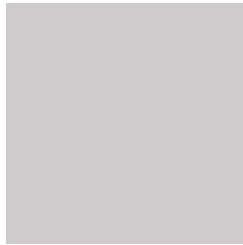
17.8158, 8.9991, 9.2019



1.0362, 0.5192, 0.7254

Previews

White Background



This preview shows how the XYZ color 58.1075, 60.3850, 66.3505 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 58.1075, 60.3850, 66.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

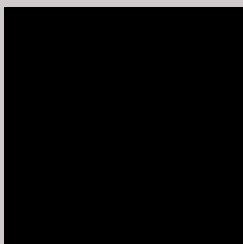
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

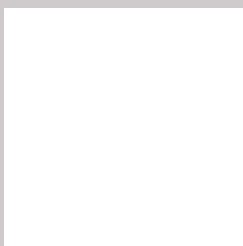
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1075, 60.3850, 66.3505

Background



This preview shows how black text looks on a background with the XYZ color 58.1075, 60.3850, 66.3505.

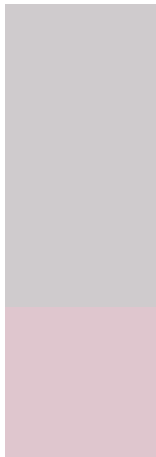


This preview shows how white text looks on a background with the XYZ color 58.1075, 60.3850,

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

58.1075, 60.3850, 66.3505

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.7661, 60.5324, 66.8210



Tritanopia

59.7055, 60.3384, 74.1453

Trichromacy



Original Color

58.1075, 60.3850, 66.3505

Protanomaly

58.1075, 60.3850, 66.3505

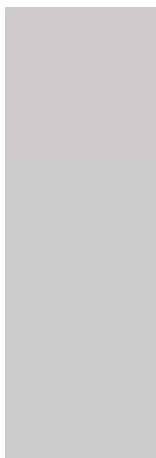
Deuteranomaly

60.4101, 60.5165, 66.8894

Tritanomaly

59.1432, 60.4551, 71.5026

Monochromacy



Original Color

58.1075, 60.3850, 66.3505

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6688, 60.5245, 65.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1075, 60.3850, 66.3505 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(207, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.1075, 60.3850, 66.3505 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(207, 203, 205) }
```


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

```
.border{ border-color:rgb(207, 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(207, 203, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1075, 60.3850, 66.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 205) }
```

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

```
.background{ background-color: rgb(207,  
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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