

Converting Colors

XYZ(58.3803, 60.5295, 66.3657)

Have a look what the booklet for
XYZ(58.3803, 60.5295, 66.3657)
contains.

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Color

**XYZ(58.3878, 60.5295,
66.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CBCD
RGB	208, 203, 205
RGB Percent	82%, 80%, 80%
CMY	0.1843, 0.2039, 0.1961
CMYK	0.00, 0.02, 0.01, 0.18
HSL	336°, 5%, 81%
HSV	336°, 2%, 82%
XYZ	58.3878, 60.5295, 66.3636
YIQ	204.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

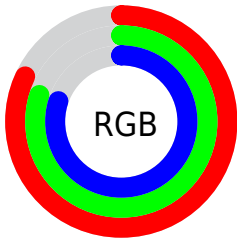
Format	Color
R _Y B	208, 203, 205
Decimal	13683661
CIE Lab	82.13, 2.09, -0.39
CIE LCh	82, 2.124, 349.411
Yxy	60.5295, 0.3151, 0.3267
Android (android.graphics.Color)	4291873741 (0xFFD0CBCD)
YUV	204.7230, 0.1366, 2.8739
Hunter-Lab	77.8007, -2.1907, 3.8864

Details

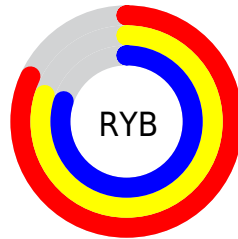
The XYZ color **58.3878, 60.5295, 66.3636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3273, 62.2661, 67.3400**, and the grayscale version is **57.8519, 60.8647, 66.2817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6598, 30.5993, 33.6212** is the 20% darker color. If you saturate the color by 10%, you get **52.3541, 50.7785, 57.2095**, and if you desaturate by 10%, it is **65.2043, 71.6519, 76.3739**.

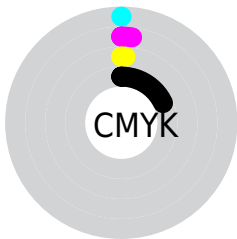
Distribution



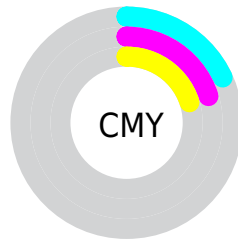
- Red (82%)
- Green (80%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3878, 60.5295, 66.3636 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 58.3878, 60.5295, 66.3636 by changing the saturation by 10% instead.

■ 58.3878, 60.5295,
66.3636

■ 58.3878, 60.5295,
66.3636

408.5600,
426.5468, 466.1158

■ 42.3650, 43.8456,
48.1093

101.6071,
105.5974, 115.6400

■ 29.5795, 30.5491,
33.5528

129.5343,
134.7501, 147.4992

■ 19.6661, 20.2558,
22.2757

162.1603,
168.8280, 184.7304

■ 12.2594, 12.5811,
13.8594

199.8504,
208.2152, 227.7522

■ 6.9941, 7.1407,
7.8853

242.9701,
253.2963, 276.9830

■ 3.5047, 3.5503,
3.9349

291.8847,

■ 1.4259, 1.4253,

304.4557, 332.8416

1.5897

346.9596,
362.0777, 395.7463

■ 0.2746, 0.2353,
0.2835

■ 0.0000, 0.0000,
0.0000

■ 58.3878, 60.5295,
66.3636

■ 58.3878, 60.5295,
66.3636

■ 52.3541, 50.7785,
57.2095

■ 65.2043, 71.6519,
76.3739

■ 47.0692, 42.3377,
48.8841

■ 72.8258, 84.1882,
87.2588

■ 42.5041, 35.1533,
41.3644

■ 77.8701, 91.3690,
97.9046

■ 38.6261, 29.1641,
34.6244

■ 79.8157, 92.1473,
108.1500

■ 35.3996, 24.3044,
28.6370

■ 79.8228, 92.1501,
108.1874

■ 32.7857, 20.5015,
23.3728

■ 30.7412, 17.6745,
18.8006

■ 29.2167, 15.7305,
14.8859

■ 28.1535, 14.5582,
11.5903

Harmonies

Analogous

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



58.1923, 60.5295, 67.5349



58.3878, 60.5295, 66.3636



58.3530, 60.5295, 65.0847

Triad

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



58.3878, 60.5295, 66.3636



57.2439, 60.5295, 63.5924



56.9693, 60.5295, 67.8097

Complementary

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



58.3878, 60.5295, 66.3636



58.3273, 62.2661, 67.3400

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.



56.7177, 60.5295, 66.7349



58.3878, 60.5295, 66.3636



56.8757, 60.5295, 64.3042

Square

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



58.3878, 60.5295, 66.3636



57.6909, 60.5295, 63.4959



56.6836, 60.5295, 65.4512



57.3723, 60.5295, 68.3770

Rectangle

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



58.3878, 60.5295, 66.3636



58.2038, 60.5295, 64.3427



56.6836, 60.5295, 65.4512



56.8643, 60.5295, 67.4951

Sweetspot

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



58.3895, 60.5321, 66.3649



93.9963, 98.2856, 107.3375



58.1968, 60.3905, 68.2646



20.1302, 21.0552, 22.9912



0.0000, 0.0000, 0.0000



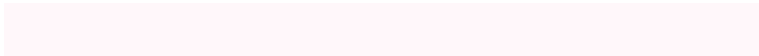
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3895, 60.5321, 66.3649



91.9271, 94.9235, 104.2543



58.2682, 60.6727, 65.1429



12.7657, 13.1213, 14.4404



17.2331, 8.7661, 6.1335



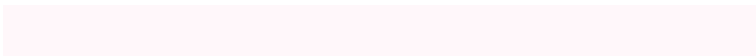
1.0023, 0.5056, 0.5469

Inverse Universe

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



58.3895, 60.5321, 66.3649



91.9271, 94.9235, 104.2543



58.4498, 62.1205, 68.5852



12.7657, 13.1213, 14.4404



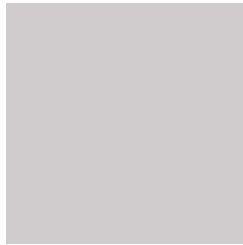
17.2331, 8.7661, 6.1335



1.0023, 0.5056, 0.5469

Previews

White Background



This preview shows how the XYZ color 58.3878, 60.5295, 66.3636 looks on a white background.

Color Contrast Check

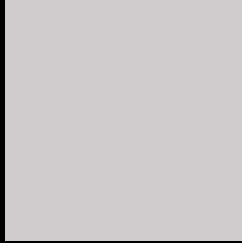
Large Text (above 18pt) WCAG AA × Fail

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 58.3878, 60.5295, 66.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

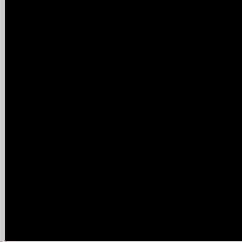
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

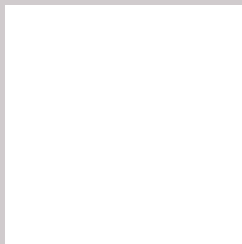
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3878, 60.5295, 66.3636

Background



This preview shows how black text looks on a background with the XYZ color 58.3878, 60.5295, 66.3636.

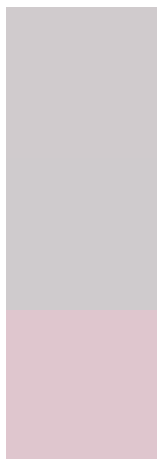


This preview shows how white text looks on a background with the XYZ color 58.3878, 60.5295,

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

58.3878, 60.5295, 66.3636

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.7661, 60.5324, 66.8210



Tritanopia

59.9894, 60.4847, 74.1586

Trichromacy



Original Color

58.3878, 60.5295, 66.3636

Protanomaly

58.1075, 60.3850, 66.3505

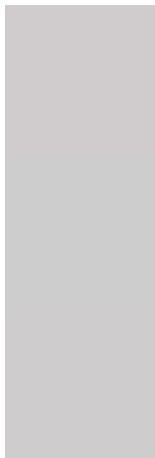
Deuteranomaly

60.7083, 60.6702, 66.9034

Tritanomaly

59.4253, 60.6005, 71.5158

Monochromacy



Original Color

58.3878, 60.5295, 66.3636

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0659, 60.7153, 66.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3878, 60.5295, 66.3636 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(208, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.3878, 60.5295, 66.3636 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(208, 203, 205) }
```


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

```
.border{ border-color:rgb(208, 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(208, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3878, 60.5295, 66.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 205) }
```

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

```
.background{ background-color: rgb(208,  
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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