

Converting Colors

XYZ(59.9205, 61.6228, 67.2126)

Have a look what the booklet for
XYZ(59.9205, 61.6228, 67.2126)
contains.

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Color

**XYZ(59.8848, 61.6390,
67.1338)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCCE
RGB	212, 204, 206
RGB Percent	83%, 80%, 81%
CMY	0.1686, 0.2000, 0.1922
CMYK	0.00, 0.04, 0.03, 0.17
HSL	345°, 9%, 82%
HSV	345°, 4%, 83%
XYZ	59.8848, 61.6390, 67.1338
YIQ	206.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

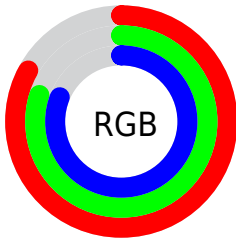
Format	Color
R _Y B	212, 204, 206
Decimal	13946062
CIE Lab	82.72, 3.12, -0.02
CIE LCh	83, 3.122, 359.699
Yxy	61.6390, 0.3174, 0.3267
Android (android.graphics.Color)	4292136142 (0xFFD4CCCE)
YUV	206.6200, -0.3057, 4.7183
Hunter-Lab	78.5105, -1.2404, 4.2589

Details

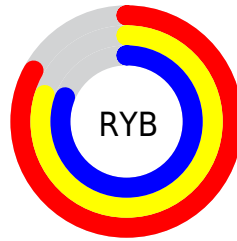
The XYZ color **59.8848, 61.6390, 67.1338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0805, 64.5790, 70.2743**, and the grayscale version is **59.0653, 62.1413, 67.6718**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4785, 31.2478, 34.1308** is the 20% darker color. If you saturate the color by 10%, you get **53.3496, 51.5056, 55.8991**, and if you desaturate by 10%, it is **67.3050, 73.2277, 79.6300**.

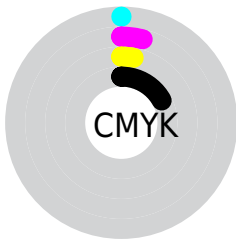
Distribution



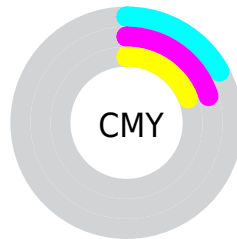
- Red (83%)
- Green (80%)
- Blue (81%)



- Red (83%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8848, 61.6390, 67.1338 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 59.8848, 61.6390, 67.1338 by changing the saturation by 10% instead.

■ 59.8848, 61.6390,
67.1338

■ 59.8848, 61.6390,
67.1338

414.0146,
430.6131, 468.9353

■ 43.5749, 44.7411,
48.7311

103.7698,
107.2036, 116.7546

■ 30.5329, 31.2535,
34.0421

132.0757,
136.6391, 148.8097

■ 20.3935, 20.7920,
22.6483

165.1109,
171.0225, 186.2528

■ 12.7913, 12.9720,
14.1312

203.2408,
210.7383, 229.5023

■ 7.3610, 7.4093,
8.0722

246.8307,
256.1709, 278.9767

■ 3.7372, 3.7194,
4.0527

296.2461,

■ 1.5546, 1.5178,

307.7046, 335.0947

1.6543

351.8523,
365.7239, 398.2747

■ 0.3625, 0.3012,
0.3291

■ 0.0000, 0.0000,
0.0000

■ 59.8848, 61.6390,
67.1338

■ 59.8848, 61.6390,
67.1338

■ 53.3496, 51.5056,
55.8991

■ 67.3050, 73.2277,
79.6300

■ 47.6608, 42.7622,
45.8822

■ 75.6364, 86.3178,
93.4214

■ 42.7848, 35.3502,
37.0427

■ 80.7567, 92.6552,
107.1611

■ 38.6835, 29.2039,
29.3365

■ 80.9617, 92.7372,
108.2407

■ 35.3159, 24.2519,
22.7165

■ 32.6370, 20.4157,
17.1325

■ 30.5966, 17.6073,
12.5297

■ 29.1374, 15.7253,
8.8482

■ 28.1909, 14.6474,
6.0204

Harmonies

Analogous

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



59.7063, 61.6390, 68.9947



59.8848, 61.6390, 67.1338



59.7131, 61.6390, 65.3015

Triad

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



59.8848, 61.6390, 67.1338



57.9496, 61.6390, 63.9578



57.9379, 61.6390, 70.3532

Complementary

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



59.8848, 61.6390, 67.1338



60.0805, 64.5790, 70.2743

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.



57.4732, 61.6390, 68.9605



59.8848, 61.6390, 67.1338



57.4799, 61.6390, 65.2685

Square

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



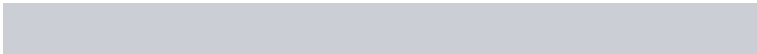
59.8848, 61.6390, 67.1338



58.5928, 61.6390, 63.4892



57.3062, 61.6390, 67.0950



58.5792, 61.6390, 70.8750

Rectangle

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



59.8848, 61.6390, 67.1338



59.4239, 61.6390, 64.3375



57.3062, 61.6390, 67.0950



57.7560, 61.6390, 69.9701

Sweetspot

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



59.8865, 61.6417, 67.1351



93.9353, 98.2612, 107.0163



60.0568, 61.6436, 71.0212



20.1178, 21.0503, 22.9258



0.0000, 0.0000, 0.0000



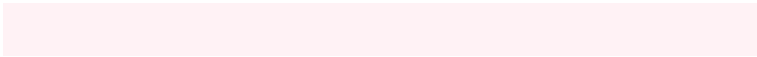
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8865, 61.6417, 67.1351



89.6143, 91.5323, 99.6778



60.1237, 62.5017, 66.0251



13.1096, 13.3410, 14.5270



17.1917, 8.8130, 3.0476



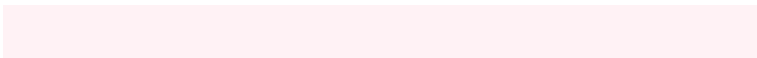
1.0704, 0.5449, 0.3600

Inverse Universe

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



59.8865, 61.6417, 67.1351



89.6143, 91.5323, 99.6778



59.8342, 63.6859, 71.4271



13.1096, 13.3410, 14.5270



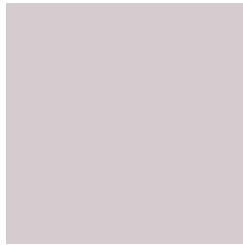
17.1917, 8.8130, 3.0476



1.0704, 0.5449, 0.3600

Previews

White Background



This preview shows how the XYZ color 59.8848, 61.6390, 67.1338 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 59.8848, 61.6390, 67.1338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

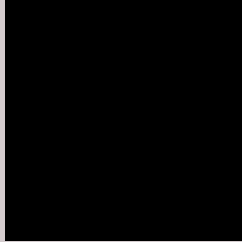
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

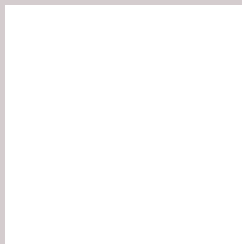
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8848, 61.6390, 67.1338

Background



This preview shows how black text looks on a background with the XYZ color 59.8848, 61.6390, 67.1338.

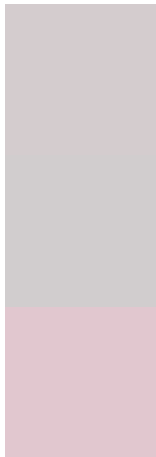


This preview shows how white text looks on a background with the XYZ color 59.8848, 61.6390,

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

59.8848, 61.6390, 67.1338

Protanopia

59.2664, 61.6742, 67.1732

Deuteranopia

62.7372, 61.3594, 67.5684



Tritanopia

61.5070, 61.5992, 74.9777

Trichromacy



Original Color

59.8848, 61.6390, 67.1338

Protanomaly

59.5502, 61.8205, 67.1864

Deuteranomaly

61.6643, 61.4939, 67.6509

Tritanomaly

60.9341, 61.7130, 72.3186

Monochromacy



Original Color

59.8848, 61.6390, 67.1338

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6283, 62.2029, 67.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8848, 61.6390, 67.1338 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(212, 204, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 206)  
}
```

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(212, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.8848, 61.6390, 67.1338 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(212, 204, 206) }
```


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

```
.border{ border-color:rgb(212, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8848, 61.6390, 67.1338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 206) }
```

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

```
.background{ background-color: rgb(212,  
204, 206) }
```

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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