

Converting Colors

XYZ(59.0214, 61.1836, 67.4492)

Have a look what the booklet for
XYZ(59.0214, 61.1836, 67.4492)
contains.

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Color

**XYZ(59.1498, 61.2460,
67.7356)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCCF
RGB	209, 204, 207
RGB Percent	82%, 80%, 81%
CMY	0.1804, 0.2000, 0.1882
CMYK	0.00, 0.02, 0.01, 0.18
HSL	324°, 5%, 81%
HSV	324°, 2%, 82%
XYZ	59.1498, 61.2460, 67.7356
YIQ	205.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

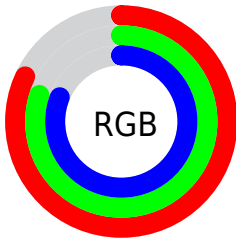
Format	Color
R _Y B	209, 204, 207
Decimal	13749455
CIE Lab	82.51, 2.27, -0.89
CIE LCh	83, 2.434, 338.651
Yxy	61.2460, 0.3144, 0.3255
Android (android.graphics.Color)	4291939535 (0xFFD1CCCF)
YUV	205.8370, 0.5734, 2.7740
Hunter-Lab	78.2598, -2.0421, 3.4651

Details

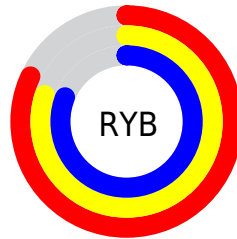
The XYZ color **59.1498, 61.2460, 67.7356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8451, 62.8961, 67.4342**, and the grayscale version is **58.5590, 61.6086, 67.0917**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1737, 31.0812, 34.5459** is the 20% darker color. If you saturate the color by 10%, you get **53.5165, 51.5724, 60.9453**, and if you desaturate by 10%, it is **65.5074, 72.2798, 75.0363**.

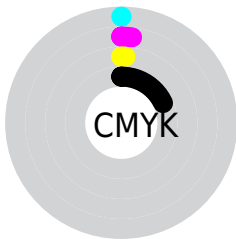
Distribution



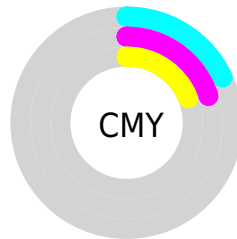
- Red (82%)
- Green (80%)
- Blue (81%)



- Red (82%)
- Yellow (80%)
- Blue (81%)



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



- Cyan (18%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1498, 61.2460, 67.7356 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 59.1498, 61.2460, 67.7356 by changing the saturation by 10% instead.

■ 59.1498, 61.2460,
67.7356

■ 59.1498, 61.2460,
67.7356

411.3420,
429.1754, 471.1313

■ 42.9806, 44.4237,
49.2173

102.7087,
106.6350, 117.6245

■ 30.0643, 31.0038,
34.4251

130.8291,
135.9706, 149.8321

■ 20.0357, 20.6017,
22.9404

163.6640,
170.2461, 187.4400

■ 12.5294, 12.8332,
14.3446

201.5786,
209.8458, 230.8666

■ 7.1801, 7.3138,
8.2192

244.9383,
255.1542, 280.5305

■ 3.6223, 3.6591,
4.1458

294.1086,

■ 1.4908, 1.4848,

306.5557, 336.8502

1.7057

349.4547,
364.4346, 400.2443

■ 0.3195, 0.2780,
0.3646

■ 0.0000, 0.0000,
0.0000

■ 59.1498, 61.2460,
67.7356

■ 59.1498, 61.2460,
67.7356

■ 53.5165, 51.5724,
60.9453

■ 65.5074, 72.2798,
75.0363

■ 48.5751, 43.1979,
54.6481

■ 72.6097, 84.7159,
82.8558

■ 44.2984, 36.0687,
48.8316

■ 76.6343, 90.9073,
89.9247

■ 40.6552, 30.1240,
43.4810

■ 77.8520, 91.3943,
96.3372

■ 37.6120, 25.2980,
38.5809

■ 79.1271, 91.9044,
103.0517

■ 35.1318, 21.5183,
34.1143

■ 80.1048, 92.2955,
108.2006

■ 33.1734, 18.7040,
30.0628

■ 31.6896, 16.7622,
26.4060

■ 30.6239, 15.5813,
23.1199

Harmonies

Analogous

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



58.8399, 61.2460, 68.9505



59.1498, 61.2460, 67.7356



59.2077, 61.2460, 66.2562

Triad

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



59.1498, 61.2460, 67.7356



58.0620, 61.2460, 63.8922



57.4342, 61.2460, 68.4931

Complementary

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



59.1498, 61.2460, 67.7356



58.8451, 62.8961, 67.4342

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.



57.2285, 61.2460, 67.1186



59.1498, 61.2460, 67.7356



57.5895, 61.2460, 64.4725

Square

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



59.1498, 61.2460, 67.7356



58.5777, 61.2460, 64.0518



57.2851, 61.2460, 65.6483



57.8488, 61.2460, 69.3924

Rectangle

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



59.1498, 61.2460, 67.7356



59.0954, 61.2460, 65.3213



57.2851, 61.2460, 65.6483



57.3384, 61.2460, 68.0705

Sweetspot

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



59.1515, 61.2486, 67.7369



94.0780, 98.3182, 107.7675



58.5574, 60.9139, 68.9936



20.1468, 21.0619, 23.0786



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.



59.1515, 61.2486, 67.7369



92.1688, 95.0201, 105.5269



58.8486, 61.1275, 66.1417



12.8075, 13.1380, 14.6602



18.5582, 9.2961, 13.1116



1.0763, 0.5352, 0.9366

Inverse Universe

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



59.1515, 61.2486, 67.7369



92.1688, 95.0201, 105.5269



59.1510, 63.0184, 69.0448



12.8075, 13.1380, 14.6602



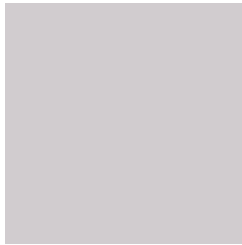
18.5582, 9.2961, 13.1116



1.0763, 0.5352, 0.9366

Previews

White Background



This preview shows how the XYZ color 59.1498, 61.2460, 67.7356 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 59.1498, 61.2460, 67.7356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

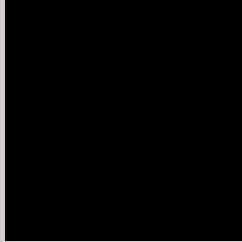
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

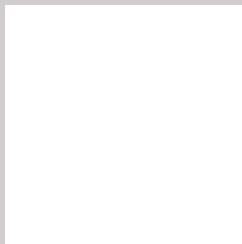
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1498, 61.2460, 67.7356

Background



This preview shows how black text looks on a background with the XYZ color 59.1498, 61.2460, 67.7356.

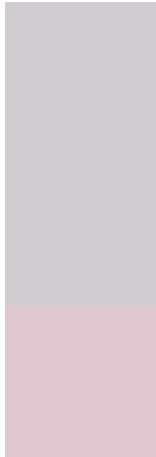


This preview shows how white text looks on a background with the XYZ color 59.1498, 61.2460,

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

59.1498, 61.2460, 67.7356

Protanopia

58.8678, 61.1006, 67.7224

Deuteranopia

62.5491, 61.2482, 68.1999



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

59.1498, 61.2460, 67.7356

Protanomaly

58.8678, 61.1006, 67.7224

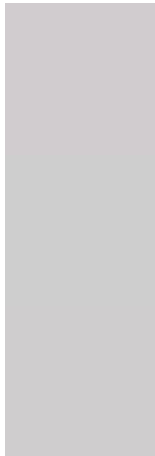
Deuteranomaly

61.4852, 61.3874, 68.2828

Tritanomaly

60.0719, 61.2685, 72.2782

Monochromacy



Original Color

59.1498, 61.2460, 67.7356

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7040, 61.3843, 67.1468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1498, 61.2460, 67.7356 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(209, 204, 207) looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 207)  
}
```

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(209, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.1498, 61.2460, 67.7356 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(209, 204, 207) }
```


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

```
.border{ border-color:rgb(209, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1498, 61.2460, 67.7356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 207) }
```

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

```
.background{ background-color: rgb(209,  
204, 207) }
```

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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