

Converting Colors

XYZ(59.9797, 63.8097, 68.1969)

Have a look what the booklet for
XYZ(59.9797, 63.8097, 68.1969)
contains.

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Color

**XYZ(60.0412, 63.8636,
68.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD2CF
RGB	207, 210, 207
RGB Percent	81%, 82%, 81%
CMY	0.1882, 0.1765, 0.1882
CMYK	0.01, 0.00, 0.01, 0.18
HSL	120°, 3%, 82%
HSV	120°, 1%, 82%
XYZ	60.0412, 63.8636, 68.1939
YIQ	208.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

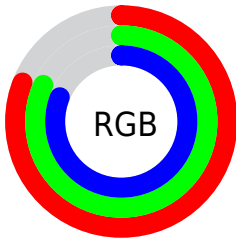
Format	Color
RYB	207, 210, 210
Decimal	13619919
CIELab	83.89, -1.56, 1.12
CIElCh	84, 1.922, 144.503
Yxy	63.8636, 0.3126, 0.3325
Android (android.graphics.Color)	4291809999 (0xFFCFD2CF)
YUV	208.7610, -0.8682, -1.5444
Hunter-Lab	79.9147, -5.7408, 5.3461

Details

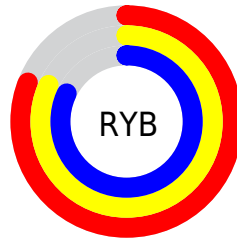
The XYZ color **60.0412, 63.8636, 68.1939** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5264, 62.9820, 69.9426**, and the grayscale version is **60.4560, 63.6044, 69.2652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7751, 32.8491, 34.8555** is the 20% darker color. If you saturate the color by 10%, you get **52.1609, 60.0802, 55.3033**, and if you desaturate by 10%, it is **69.0470, 68.1914, 82.9221**.

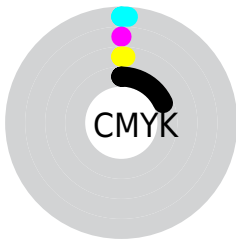
Distribution



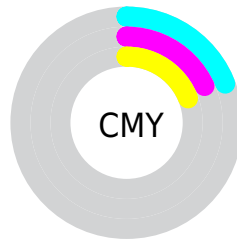
- Red (81%)
- Green (82%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0412, 63.8636, 68.1939 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 60.0412, 63.8636, 68.1939 by changing the saturation by 10% instead.

■ 60.0412, 63.8636,
68.1939

■ 60.0412, 63.8636,
68.1939

414.5819,
438.6969, 472.7994

■ 43.7014, 46.5402,
49.5878

103.9954,
110.4145, 118.2863

■ 30.6328, 32.6723,
34.7171

132.3406,
140.4107, 150.6098

■ 20.4698, 21.8755,
23.1632

165.4183,
175.4001, 188.3427

■ 12.8473, 13.7655,
14.5077

203.5939,
215.7669, 231.9037

■ 7.3997, 7.9577,
8.3318

247.2327,
261.8956, 281.7114

■ 3.7619, 4.0679,
4.2172

296.7000,

■ 1.5683, 1.7116,

314.1706, 338.1842

1.7452

352.3613,
372.9762, 401.7407

■ 0.3716, 0.4312,
0.3915

■ 0.0000, 0.0000,
0.0000

■ 60.0412, 63.8636,
68.1939

■ 60.0412, 63.8636,
68.1939

■ 52.1609, 60.0802,
55.3033

■ 69.0470, 68.1914,
82.9221

■ 45.3568, 56.8118,
44.1744

■ 79.2143, 73.0753,
99.5517

■ 39.5838, 54.0387,
34.7318

■ 82.3378, 74.5757,
104.6626

■ 34.7917, 51.7368,
26.8934

■ 30.9258, 49.8799,
20.5701

■ 27.9266, 48.4392,
15.6641

■ 25.7271, 47.3826,
12.0661

■ 24.2508, 46.6735,
9.6512

■ 23.4065, 46.2680,
8.2698

Harmonies

Analogous

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



60.3640, 63.8636, 67.4402



60.0412, 63.8636, 68.1939



59.8951, 63.8636, 69.3139

Triad

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



60.0412, 63.8636, 68.1939



60.6226, 63.8636, 71.8792



61.4429, 63.8636, 68.5758

Complementary

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



60.0412, 63.8636, 68.1939



60.5264, 62.9820, 69.9426

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.



61.5130, 63.8636, 69.7598



60.0412, 63.8636, 68.1939



61.0381, 63.8636, 71.6760

Square

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



60.0412, 63.8636, 68.1939



60.2298, 63.8636, 71.4487



61.3645, 63.8636, 70.8968



61.1735, 63.8636, 67.6589

Rectangle

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



60.0412, 63.8636, 68.1939



59.9171, 63.8636, 70.1211



61.3645, 63.8636, 70.8968



61.4906, 63.8636, 68.9554

Sweetspot

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



60.0430, 63.8663, 68.1953

95.0500, 100.0000, 108.9000



60.8903, 64.3031, 68.2348



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



60.0430, 63.8663, 68.1953



92.3882, 98.7214, 104.5464



60.2275, 63.9401, 69.1670



12.9586, 13.8318, 14.6769



14.0582, 28.1162, 4.6864



0.7861, 1.5721, 0.2621

Inverse Universe

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



60.5264, 62.9820, 69.9426



93.4445, 96.7891, 108.3645



60.3401, 62.9075, 68.9617



13.0963, 13.5800, 15.1746



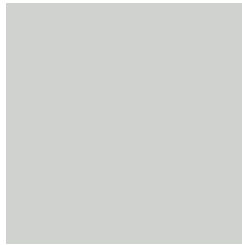
23.3070, 11.1956, 38.1184



1.3032, 0.6260, 2.1314

Previews

White Background



This preview shows how the XYZ color 60.0412, 63.8636, 68.1939 looks on a white background.

Color Contrast Check

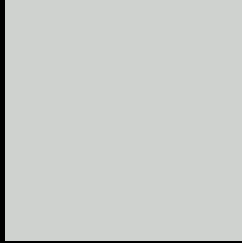
Large Text (above 18pt) WCAG AA × Fail

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 60.0412, 63.8636, 68.1939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

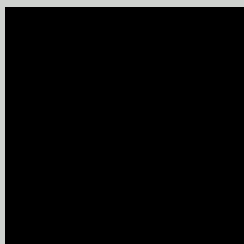
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

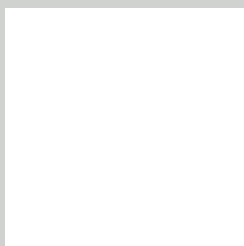
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0412, 63.8636, 68.1939

Background



This preview shows how black text looks on a background with the XYZ color 60.0412, 63.8636, 68.1939.



This preview shows how white text looks on a background with the XYZ color 60.0412, 63.8636,

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

60.0412, 63.8636, 68.1939

Protanopia

61.1370, 63.7141, 67.4683

Deuteranopia

64.9423, 63.5025, 69.1560



Tritanopia

62.3457, 63.7091, 79.5321

Trichromacy



Original Color

60.0412, 63.8636, 68.1939

Protanomaly

60.8050, 63.9060, 67.5229

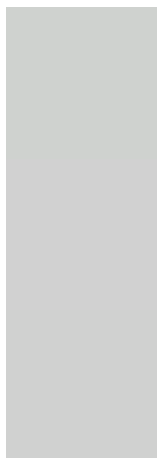
Deuteranomaly

63.0353, 63.5889, 68.6261

Tritanomaly

61.5053, 63.7290, 75.3889

Monochromacy



Original Color

60.0412, 63.8636, 68.1939

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1981, 63.5649, 68.7710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0412, 63.8636, 68.1939 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, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 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(207, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.0412, 63.8636, 68.1939 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, 210, 207) }
```

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

```
.border{ border-color:rgb(207, 210, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
207) }
```


Background

The CSS property to change the background color of an element to XYZ 60.0412, 63.8636, 68.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 207) }
```

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

```
.background{ background-color: rgb(207,  
210, 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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