

Converting Colors

XYZ(60.1999, 63.5676, 68.7724)

Have a look what the booklet for
XYZ(60.1999, 63.5676, 68.7724)
contains.

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Color

**XYZ(60.1981, 63.5649,
68.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D1D0
RGB	208, 209, 208
RGB Percent	82%, 82%, 82%
CMY	0.1843, 0.1804, 0.1843
CMYK	0.00, 0.00, 0.00, 0.18
HSL	120°, 1%, 82%
HSV	120°, 0%, 82%
XYZ	60.1981, 63.5649, 68.7710
YIQ	208.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
RYB	208, 209, 209
Decimal	13685200
CIELab	83.74, -0.52, 0.37
CIELCh	84, 0.635, 144.832
Yxy	63.5649, 0.3127, 0.3301
Android (android.graphics.Color)	4291875280 (0xFFD0D1D0)
YUV	208.5870, -0.2894, -0.5148
Hunter-Lab	79.7276, -4.7474, 4.6673

Details

The XYZ color **60.1981, 63.5649, 68.7710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3614, 63.2722, 69.3562**, and the grayscale version is **60.3389, 63.4812, 69.1310**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8805, 32.6458, 35.2455** is the 20% darker color. If you saturate the color by 10%, you get **52.3007, 59.7732, 55.8513**, and if you desaturate by 10%, it is **69.2124, 67.8968, 83.5145**.

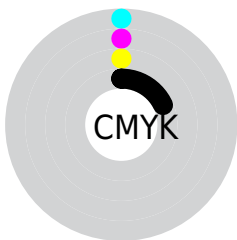
Distribution



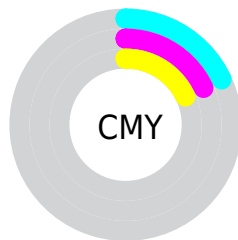
- Red (82%)
- Green (82%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1981, 63.5649, 68.7710 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 60.1981, 63.5649, 68.7710 by changing the saturation by 10% instead.

■ 60.1981, 63.5649,
68.7710

■ 60.1981, 63.5649,
68.7710

415.1506,
437.6167, 474.8949

■ 43.8284, 46.2984,
50.0546

104.2217,
109.9841, 119.1191

■ 30.7330, 32.4813,
35.0853

132.6063,
139.9055, 151.5878

■ 20.5464, 21.7294,
23.4445

165.7266,
174.8140, 189.4778

■ 12.9034, 13.6582,
14.7137

203.9479,
215.0940, 233.2076

■ 7.4386, 7.8833,
8.4743

247.6356,
261.1299, 283.1956

■ 3.7866, 4.0204,
4.3078

297.1551,

■ 1.5822, 1.6850,

313.3060, 339.8605

1.7957

352.8716,
372.0069, 403.6207

■ 0.3807, 0.4139,
0.4251

■ 0.0000, 0.0000,
0.0000

■ 60.1981, 63.5649,
68.7710

■ 60.1981, 63.5649,
68.7710

■ 52.3007, 59.7732,
55.8513

■ 69.2124, 67.8968,
83.5145

■ 45.4715, 56.4928,
44.6805

■ 79.3789, 72.7802,
100.1445

■ 39.6663, 53.7043,
35.1849

■ 82.0917, 74.0834,
104.5806

■ 34.8358, 51.3840,
27.2836

■ 30.9266, 49.5062,
20.8893

■ 27.8801, 48.0428,
15.9063

■ 25.6311, 46.9625,
12.2279

■ 24.1051, 46.2295,
9.7321

■ 23.2136, 45.8013,
8.2741

Harmonies

Analogous

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



60.3043, 63.5649, 68.5184



60.1981, 63.5649, 68.7710



60.1505, 63.5649, 69.1424

Triad

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



60.1981, 63.5649, 68.7710



60.3924, 63.5649, 69.9772



60.6597, 63.5649, 68.8901

Complementary

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



60.1981, 63.5649, 68.7710



60.3614, 63.2722, 69.3562

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.



60.6834, 63.5649, 69.2804



60.1981, 63.5649, 68.7710



60.5289, 63.5649, 69.9090

Square

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



60.1981, 63.5649, 68.7710



60.2626, 63.5649, 69.8396



60.6355, 63.5649, 69.6536



60.5708, 63.5649, 68.5869

Rectangle

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



60.1981, 63.5649, 68.7710



60.1583, 63.5649, 69.4077



60.6355, 63.5649, 69.6536



60.6755, 63.5649, 69.0154

Sweetspot

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



60.1999, 63.5676, 68.7724

95.0500, 100.0000, 108.9000



60.4788, 63.7053, 68.7843



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.



60.1999, 63.5676, 68.7724



93.7102, 99.3564, 106.7084



60.2597, 63.5915, 69.0872



13.1310, 13.9146, 14.9588



14.0582, 28.1162, 4.6860



0.7861, 1.5721, 0.2620

Inverse Universe

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



60.3614, 63.2722, 69.3562



94.2418, 98.3838, 108.6306



60.3014, 63.2482, 69.0404



13.2003, 13.7879, 15.2093



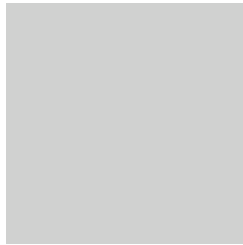
23.3064, 11.1952, 38.1250



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 60.1981, 63.5649, 68.7710 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 60.1981, 63.5649, 68.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

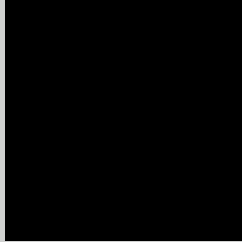
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

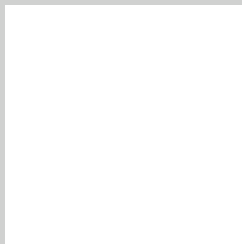
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1981, 63.5649, 68.7710

Background



This preview shows how black text looks on a background with the XYZ color 60.1981, 63.5649, 68.7710.

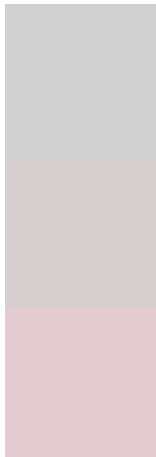


This preview shows how white text looks on a background with the XYZ color 60.1981, 63.5649,

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

60.1981, 63.5649, 68.7710

Protanopia

61.2589, 63.7629, 68.1103

Deuteranopia

64.6241, 63.3385, 69.1411



Tritanopia

62.2104, 63.6550, 78.8198

Trichromacy



Original Color

60.1981, 63.5649, 68.7710

Protanomaly

60.6823, 63.4656, 68.0833

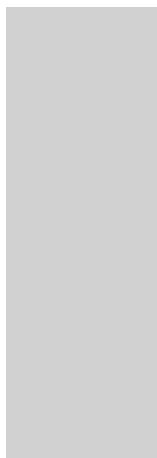
Deuteranomaly

63.1587, 63.6382, 69.2762

Tritanomaly

61.5053, 63.7290, 75.3889

Monochromacy



Original Color

60.1981, 63.5649, 68.7710

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6036, 63.7597, 69.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1981, 63.5649, 68.7710 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, 209, 208) looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 208)  
}
```

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, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.1981, 63.5649, 68.7710 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, 209, 208) }
```

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

```
.border{ border-color:rgb(208, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
208) }
```


Background

The CSS property to change the background color of an element to XYZ 60.1981, 63.5649, 68.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 208) }
```

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

```
.background{ background-color: rgb(208,  
209, 208) }
```

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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