

Converting Colors

XYZ(58.1409, 60.9439, 63.8060)

Have a look what the booklet for
XYZ(58.1409, 60.9439, 63.8060)
contains.

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Color

**XYZ(58.1479, 60.8127,
63.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCC9
RGB	208, 204, 201
RGB Percent	82%, 80%, 79%
CMY	0.1843, 0.2000, 0.2118
CMYK	0.00, 0.02, 0.03, 0.18
HSL	26°, 7%, 80%
HSV	26°, 3%, 82%
XYZ	58.1479, 60.8127, 63.9316
YIQ	204.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

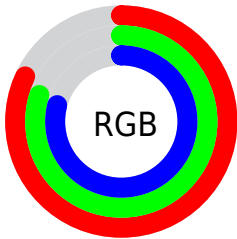
Format	Color
RYB	208, 206, 201
Decimal	13683913
CIELab	82.28, 0.85, 1.97
CIElCh	82, 2.145, 66.747
Yxy	60.8127, 0.3179, 0.3325
Android (android.graphics.Color)	4291873993 (0xFFD0CCC9)
YUV	204.8540, -1.9000, 2.7590
Hunter-Lab	77.9825, -3.3703, 5.9806

Details

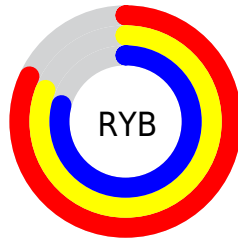
The XYZ color **58.1479, 60.8127, 63.9316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3038, 60.6332, 68.3584**, and the grayscale version is **57.9472, 60.9650, 66.3909**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4992, 30.7893, 31.9919** is the 20% darker color. If you saturate the color by 10%, you get **53.1498, 54.4702, 51.0001**, and if you desaturate by 10%, it is **63.6960, 67.7234, 78.6826**.

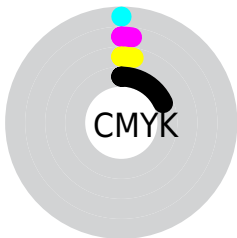
Distribution



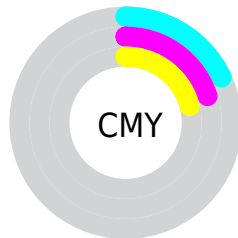
- Red (82%)
- Green (80%)
- Blue (79%)



- Red (82%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1479, 60.8127, 63.9316 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 58.1479, 60.8127, 63.9316 by changing the saturation by 10% instead.

■ 58.1479, 60.8127,
63.9316

■ 58.1479, 60.8127,
63.9316

407.6818,
427.5869, 457.1433

■ 42.1713, 44.0740,
46.1494

101.2599,
106.0077, 112.1109

■ 29.4271, 30.7287,
32.0143

129.1261,
135.2328, 143.3452

■ 19.5501, 20.3924,
21.1075

161.6861,
169.3889, 179.9006

■ 12.1748, 12.6806,
13.0106

199.3053,
208.8602, 222.1957

■ 6.9359, 7.2090,
7.3050

242.3492,
254.0313, 270.6489

■ 3.4680, 3.5931,
3.5723

291.1830,

■ 1.4058, 1.4487,

305.2865, 325.6789

1.3937

346.1720,
363.0103, 387.7042

■ 0.2604, 0.2522,
0.1368

■ 0.0000, 0.0000,
0.0000

■ 58.1479, 60.8127,
63.9316

■ 58.1479, 60.8127,
63.9316

■ 53.1498, 54.4702,
51.0001

■ 63.6960, 67.7234,
78.6826

■ 48.6787, 48.6733,
39.8129

■ 69.8061, 75.2087,
95.3165

■ 44.7171, 43.4089,
30.2955

■ 75.1136, 82.7317,
106.6177

■ 41.2447, 38.6609,
22.3660

■ 78.7173, 89.9391,
107.8189

■ 38.2398, 34.4119,
15.9362

■ 79.8228, 92.1501,
108.1874

■ 35.6787, 30.6436,
10.9085

■ 33.5352, 27.3363,
7.1739

■ 31.7799, 24.4683,
4.6071

■ 30.3778, 22.0156,
3.0567

Harmonies

Analogous

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



58.5069, 60.8127, 64.7219



58.1479, 60.8127, 63.9316



57.6976, 60.8127, 63.7493

Triad

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



58.1479, 60.8127, 63.9316



56.9333, 60.8127, 66.5105



58.3274, 60.8127, 68.2497

Complementary

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



58.1479, 60.8127, 63.9316



57.3038, 60.6332, 68.3584

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.



57.9038, 60.8127, 68.7428



58.1479, 60.8127, 63.9316



57.1001, 60.8127, 67.7302

Square

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



58.1479, 60.8127, 63.9316



56.9979, 60.8127, 65.2271



57.4548, 60.8127, 68.5515



58.6109, 60.8127, 67.2122

Rectangle

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



58.1479, 60.8127, 63.9316



57.4065, 60.8127, 63.9949



57.4548, 60.8127, 68.5515



58.1966, 60.8127, 68.4852

Sweetspot

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



58.1496, 60.8153, 63.9329



94.1794, 98.9115, 106.5978



57.9294, 59.5959, 66.2611



20.1675, 21.1826, 22.8406



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.



58.1496, 60.8153, 63.9329



91.6213, 95.7012, 99.8694



58.9697, 62.4556, 64.2063



12.7494, 13.3007, 13.7807



18.5440, 13.0210, 1.5359



1.1149, 0.8841, 0.1119

Inverse Universe

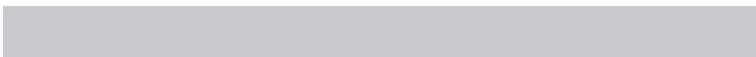
The Inverse Universe completely reimagines the original color for something new.



57.3038, 60.6332, 68.3584



90.0160, 95.3556, 108.2689



56.4963, 59.0183, 68.0892



12.4892, 13.2447, 15.1419



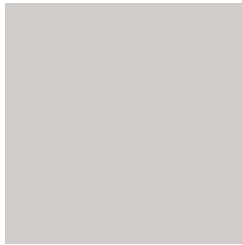
11.2860, 11.2187, 38.7631



0.7090, 0.7832, 2.1934

Previews

White Background



This preview shows how the XYZ color 58.1479, 60.8127, 63.9316 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 58.1479, 60.8127, 63.9316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

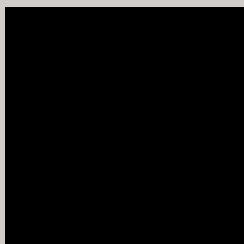
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

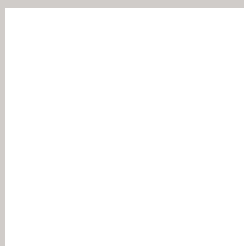
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1479, 60.8127, 63.9316

Background



This preview shows how black text looks on a background with the XYZ color 58.1479, 60.8127, 63.9316.

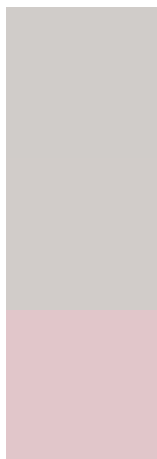


This preview shows how white text looks on a background with the XYZ color 58.1479, 60.8127,

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

58.1479, 60.8127, 63.9316

Protanopia

58.4300, 60.9581, 63.9448

Deuteranopia

61.9061, 60.6600, 64.3229



Tritanopia

59.9894, 60.4847, 74.1586

Trichromacy



Original Color

58.1479, 60.8127, 63.9316

Protanomaly

58.4300, 60.9581, 63.9448

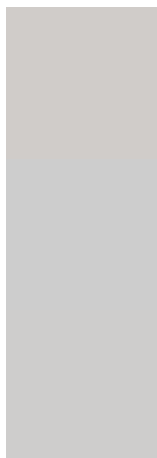
Deuteranomaly

60.5284, 60.6329, 64.3902

Tritanomaly

59.1729, 60.4995, 70.1868

Monochromacy



Original Color

58.1479, 60.8127, 63.9316

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1840, 61.1441, 65.8621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1479, 60.8127, 63.9316 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, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 201)  
}
```

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, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.1479, 60.8127, 63.9316 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, 204, 201) }
```


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

```
.border{ border-color:rgb(208, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1479, 60.8127, 63.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 201) }
```

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

```
.background{ background-color: rgb(208,  
204, 201) }
```

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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