

Converting Colors

XYZ(58.8031, 62.9635, 66.4008)

Have a look what the booklet for
XYZ(58.8031, 62.9635, 66.4008)
contains.

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Color

**XYZ(58.6014, 62.7979,
66.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD1CC
RGB	204, 209, 204
RGB Percent	80%, 82%, 80%
CMY	0.2000, 0.1804, 0.2000
CMYK	0.02, 0.00, 0.02, 0.18
HSL	120°, 5%, 81%
HSV	120°, 2%, 82%
XYZ	58.6014, 62.7979, 66.1593
YIQ	206.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

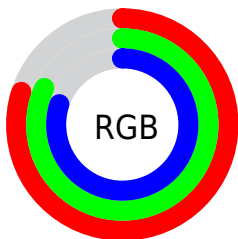
Format	Color
R_{YB}	204, 209, 209
Decimal	13423052
CIE _{Lab}	83.34, -2.61, 1.87
CIE _{LCh}	83, 3.214, 144.391
Yxy	62.7979, 0.3124, 0.3348
Android (android.graphics.Color)	4291613132 (0xFFCCD1CC)
YUV	206.9350, -1.4470, -2.5740
Hunter-Lab	79.2451, -6.6791, 5.9722

Details

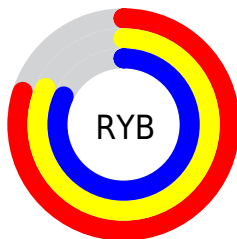
The XYZ color **58.6014, 62.7979, 66.1593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3983, 61.3461, 69.0351**, and the grayscale version is **59.2775, 62.3645, 67.9150**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8040, 32.1287, 33.4848** is the 20% darker color. If you saturate the color by 10%, you get **50.9119, 59.1061, 53.5801**, and if you desaturate by 10%, it is **67.3996, 67.0260, 80.5490**.

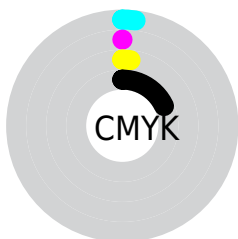
Distribution



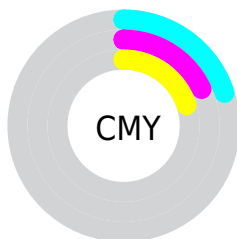
- Red (80%)
- Green (82%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6014, 62.7979, 66.1593 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 58.6014, 62.7979, 66.1593 by changing the saturation by 10% instead.

■ 58.6014, 62.7979,
66.1593

■ 58.6014, 62.7979,
66.1593

409.3410,
434.8357, 465.3661

■ 42.5375, 45.6777,
47.9444

101.9161,
108.8779, 115.3441

■ 29.7153, 31.9916,
33.4232

129.8975,
138.6065, 147.1512

■ 19.7696, 21.3551,
22.1771

162.5821,
173.3067, 184.3260

■ 12.3350, 13.3838,
13.7875

200.3354,
213.3629, 227.2872

■ 7.0461, 7.6934,
7.8360

243.5225,
259.1595, 276.4532

■ 3.5375, 3.8994,
3.9039

292.5089,

■ 1.4440, 1.6174,

311.0809, 332.2427

1.5728

347.6600,
369.5115, 395.0742

■ 0.2872, 0.3693,
0.2713

■ 0.0000, 0.0000,
0.0000

■ 58.6014, 62.7979,
66.1593

■ 58.6014, 62.7979,
66.1593

■ 50.9119, 59.1061,
53.5801

■ 67.3996, 67.0260,
80.5490

■ 44.2822, 55.9215,
42.7359

■ 77.3425, 71.8021,
96.8127

■ 38.6674, 53.2245,
33.5519

■ 82.0917, 74.0833,
104.5806

■ 34.0175, 50.9909,
25.9460

■ 30.2781, 49.1946,
19.8295

■ 27.3896, 47.8071,
15.1049

■ 25.2852, 46.7963,
11.6628

■ 23.8882, 46.1252,
9.3777

■ 23.1064, 45.7497,
8.0989

Harmonies

Analogous

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



59.1342, 62.7979, 64.9299



58.6014, 62.7979, 66.1593



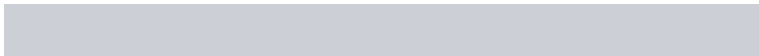
58.3598, 62.7979, 68.0007

Triad

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



58.6014, 62.7979, 66.1593



59.5562, 62.7979, 72.2792



60.9201, 62.7979, 66.7989

Complementary

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



58.6014, 62.7979, 66.1593



59.3983, 61.3461, 69.0351

Split Complementary

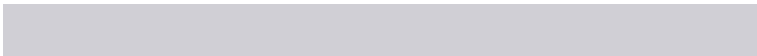
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.0352, 62.7979, 68.7532



58.6014, 62.7979, 66.1593



60.2443, 62.7979, 71.9424

Square

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



58.6014, 62.7979, 66.1593



58.9083, 62.7979, 71.5539



60.7870, 62.7979, 70.6422



60.4736, 62.7979, 65.2941

Rectangle

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



58.6014, 62.7979, 66.1593



58.3950, 62.7979, 69.3374



60.7870, 62.7979, 70.6422



60.9989, 62.7979, 67.4240

Sweetspot

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



58.6032, 62.8006, 66.1607



93.7102, 99.3564, 106.7084



59.9763, 63.4781, 66.2191



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



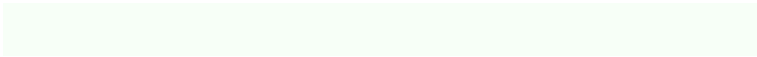
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6032, 62.8006, 66.1607



91.0839, 98.0949, 102.4127



58.8956, 62.9175, 67.7004



12.6203, 13.6693, 14.1235



14.0581, 28.1162, 4.6860



0.7860, 1.5721, 0.2620

Inverse Universe

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



59.3983, 61.3461, 69.0351



92.6579, 95.2158, 108.1026



59.1011, 61.2272, 67.4699



12.8922, 13.1719, 15.1066



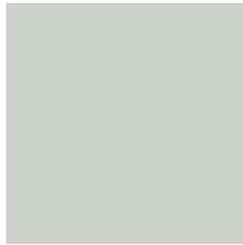
23.3079, 11.1960, 38.1251



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 58.6014, 62.7979, 66.1593 looks on a white background.

Color Contrast Check

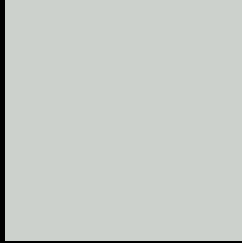
Large Text (above 18pt) WCAG AA × Fail

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 58.6014, 62.7979, 66.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

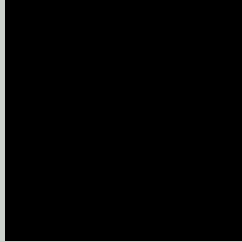
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

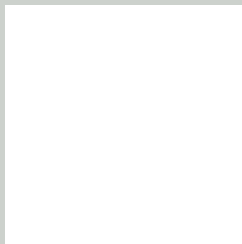
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6014, 62.7979, 66.1593

Background



This preview shows how black text looks on a background with the XYZ color 58.6014, 62.7979, 66.1593.



This preview shows how white text looks on a background with the XYZ color 58.6014, 62.7979,

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

58.6014, 62.7979, 66.1593

Protanopia

60.2437, 62.9345, 65.4723

Deuteranopia

64.0221, 62.7235, 67.1250



Tritanopia

60.9882, 62.6819, 77.9916

Trichromacy



Original Color

58.6014, 62.7979, 66.1593

Protanomaly

59.6299, 62.9789, 65.5132

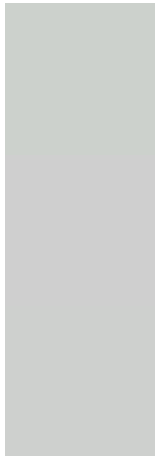
Deuteranomaly

61.8257, 62.6536, 66.5924

Tritanomaly

60.0322, 62.6538, 73.2193

Monochromacy



Original Color

58.6014, 62.7979, 66.1593

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1501, 62.6898, 67.3753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6014, 62.7979, 66.1593 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(204, 209, 204) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 58.6014, 62.7979, 66.1593 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(204, 209, 204) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 58.6014, 62.7979, 66.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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