

Converting Colors

XYZ(58.1451, 62.7864, 66.2477)

Have a look what the booklet for
XYZ(58.1451, 62.7864, 66.2477)
contains.

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Color

**XYZ(58.3028, 63.0094,
66.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD2CC
RGB	202, 210, 204
RGB Percent	79%, 82%, 80%
CMY	0.2078, 0.1765, 0.2000
CMYK	0.04, 0.00, 0.03, 0.18
HSL	135°, 8%, 81%
HSV	135°, 4%, 82%
XYZ	58.3028, 63.0094, 66.2159
YIQ	206.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

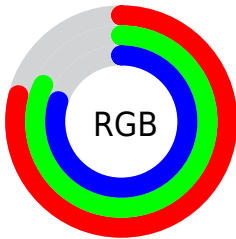
Format	Color
R_{YB}	202, 208, 210
Decimal	13292236
CIE Lab	83.45, -3.82, 2.02
CIE LCh	83, 4.316, 152.170
Yxy	63.0094, 0.3109, 0.3360
Android (android.graphics.Color)	4291482316 (0xFFCAD2CC)
YUV	206.9240, -1.4415, -4.3183
Hunter-Lab	79.3785, -7.8056, 6.1064

Details

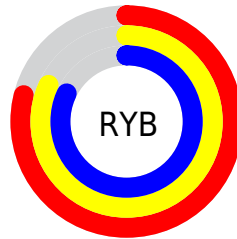
The XYZ color **58.3028, 63.0094, 66.2159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0864, 60.4984, 68.2408**, and the grayscale version is **59.2711, 62.3578, 67.9076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6062, 32.2748, 33.5234** is the 20% darker color. If you saturate the color by 10%, you get **51.2081, 59.5611, 56.5155**, and if you desaturate by 10%, it is **66.3655, 66.9382, 76.9618**.

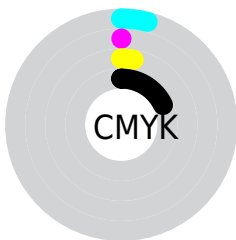
Distribution



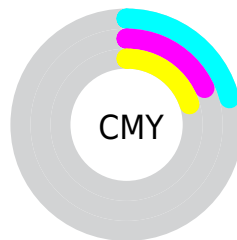
- Red (79%)
- Green (82%)
- Blue (80%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3028, 63.0094, 66.2159 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 58.3028, 63.0094, 66.2159 by changing the saturation by 10% instead.

■ 58.3028, 63.0094,
66.2159

■ 58.3028, 63.0094,
66.2159

408.2490,
435.6036, 465.5739

■ 42.2963, 45.8488,
47.9901

101.4841,
109.1831, 115.4261

■ 29.5255, 32.1265,
33.4591

129.3897,
138.9649, 147.2476

■ 19.6250, 21.4582,
22.2044

161.9923,
173.7227, 184.4381

■ 12.2294, 13.4593,
13.8074

199.6573,
213.8407, 227.4160

■ 6.9734, 7.7456,
7.8496

242.7502,
259.7035, 276.6001

■ 3.4917, 3.9326,
3.9125

291.6362,

■ 1.4188, 1.6359,

311.6952, 332.4087

1.5775

346.6807,
370.2005, 395.2605

■ 0.2696, 0.3816,
0.2747

■ 0.0000, 0.0000,
0.0000

■ 58.3028, 63.0094,
66.2159

■ 58.3028, 63.0094,
66.2159

■ 51.2081, 59.5611,
56.5155

■ 66.3655, 66.9382,
76.9618

■ 45.0393, 56.5670,
47.8252

■ 75.4255, 71.3566,
88.7789

■ 39.7593, 54.0102,
40.1137

■ 81.7412, 74.3370,
101.5206

■ 35.3261, 51.8700,
33.3465

■ 82.3378, 74.5756,
104.6626

■ 31.6945, 50.1238,
27.4870

■ 28.8149, 48.7468,
22.4965

■ 26.6318, 47.7112,
18.3332

■ 25.0820, 46.9855,
14.9518

■ 24.0896, 46.5315,
12.3026

Harmonies

Analogous

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



58.9304, 63.0094, 64.3134



58.3028, 63.0094, 66.2159



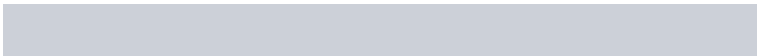
58.0988, 63.0094, 68.8029

Triad

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



58.3028, 63.0094, 66.2159



59.9571, 63.0094, 73.9156



61.4331, 63.0094, 65.8846

Complementary

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



58.3028, 63.0094, 66.2159



59.0864, 60.4984, 68.2408

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.



61.7147, 63.0094, 68.4105



58.3028, 63.0094, 66.2159



60.8570, 63.0094, 73.0866

Square

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



58.3028, 63.0094, 66.2159



59.0479, 63.0094, 73.2914



61.5028, 63.0094, 71.0540



60.7371, 63.0094, 64.1256

Rectangle

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



58.3028, 63.0094, 66.2159



58.2287, 63.0094, 70.5804



61.5028, 63.0094, 71.0540



61.5797, 63.0094, 66.6698

Sweetspot

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



58.3046, 63.0121, 66.2173



93.8116, 99.3970, 107.2426



59.7597, 63.7898, 65.0409



20.0926, 21.2814, 22.9718



0.0000, 0.0000, 0.0000



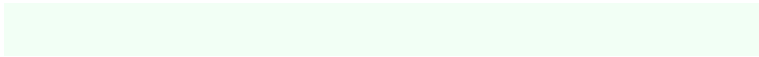
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3046, 63.0121, 66.2173



89.0120, 97.0608, 100.7791



58.7746, 63.2001, 68.6922



12.3655, 13.5409, 13.9791



14.4771, 28.2838, 6.8924



0.8419, 1.5944, 0.5562

Inverse Universe

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



59.0864, 60.4984, 68.2408



90.6078, 91.9297, 104.9093



58.6160, 60.3102, 65.7637



12.6139, 12.7423, 14.6220



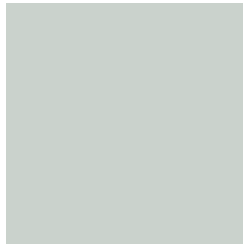
19.9938, 9.8704, 20.6713



1.1486, 0.5642, 1.3175

Previews

White Background



This preview shows how the XYZ color 58.3028, 63.0094, 66.2159 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 58.3028, 63.0094, 66.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

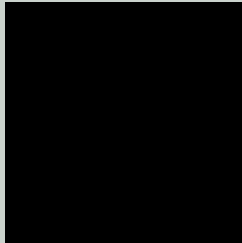
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

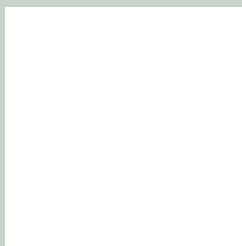
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3028, 63.0094, 66.2159

Background



This preview shows how black text looks on a background with the XYZ color 58.3028, 63.0094, 66.2159.



This preview shows how white text looks on a background with the XYZ color 58.3028, 63.0094,

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

58.3028, 63.0094, 66.2159

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.0221, 62.7235, 67.1250



Tritanopia

60.8089, 62.9325, 78.7542

Trichromacy



Original Color

58.3028, 63.0094, 66.2159

Protanomaly

59.6299, 62.9789, 65.5132

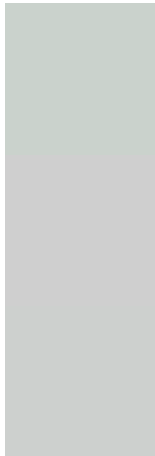
Deuteranomaly

61.8257, 62.6536, 66.5924

Tritanomaly

59.8524, 62.9070, 73.9535

Monochromacy



Original Color

58.3028, 63.0094, 66.2159

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8733, 62.5471, 67.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3028, 63.0094, 66.2159 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(202, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 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(202, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.3028, 63.0094, 66.2159 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(202, 210, 204) }
```


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

```
.border{ border-color:rgb(202, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 210,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3028, 63.0094, 66.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 204) }
```

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

```
.background{ background-color: rgb(202,  
210, 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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