

Converting Colors

XYZ(58.4378, 63.2061, 62.4735)

Have a look what the booklet for
XYZ(58.4378, 63.2061, 62.4735)
contains.

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Color

**XYZ(58.4165, 63.1495,
62.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD2C6
RGB	205, 210, 198
RGB Percent	80%, 82%, 78%
CMY	0.1961, 0.1765, 0.2235
CMYK	0.02, 0.00, 0.06, 0.18
HSL	85°, 12%, 80%
HSV	85°, 6%, 82%
XYZ	58.4165, 63.1495, 62.5363
YIQ	207.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

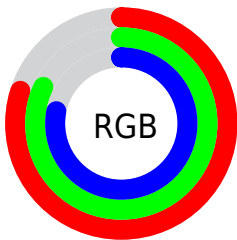
Format	Color
RYB	198, 210, 203
Decimal	13488838
CIELab	83.52, -3.86, 5.34
CIELCh	84, 6.589, 125.848
Yxy	63.1495, 0.3173, 0.3430
Android (android.graphics.Color)	4291678918 (0xFFCDD2C6)
YUV	207.1370, -4.5045, -1.8741
Hunter-Lab	79.4667, -7.8500, 8.9684

Details

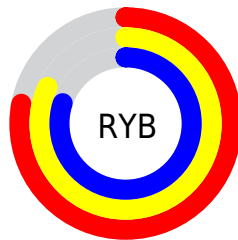
The XYZ color **58.4165, 63.1495, 62.5363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4579, 57.7395, 69.1451**, and the grayscale version is **59.4257, 62.5204, 68.0847**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6850, 32.3699, 31.0690** is the 20% darker color. If you saturate the color by 10%, you get **53.8131, 61.0390, 50.5410**, and if you desaturate by 10%, it is **63.4944, 65.4695, 76.3096**.

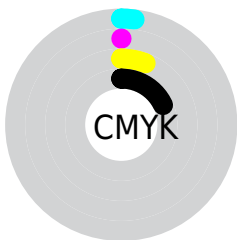
Distribution



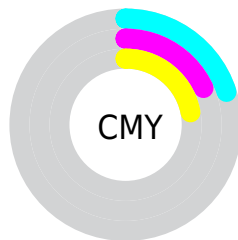
- Red (80%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4165, 63.1495, 62.5363 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 58.4165, 63.1495, 62.5363 by changing the saturation by 10% instead.

■ 58.4165, 63.1495,
62.5363

■ 58.4165, 63.1495,
62.5363

408.6650,
436.1119, 451.9462

■ 42.3881, 45.9622,
45.0276

101.6486,
109.3852, 110.0794

■ 29.5978, 32.2160,
31.1361

129.5831,
139.2023, 140.9508

■ 19.6800, 21.5265,
20.4431

162.2170,
173.9981, 177.1136

■ 12.2696, 13.5094,
12.5303

199.9156,
214.1571, 218.9862

■ 7.0011, 7.7803,
6.9790

243.0444,
260.0635, 266.9872

■ 3.5091, 3.9547,
3.3707

291.9686,

■ 1.4284, 1.6482,

312.1019, 321.5352

1.2869

347.0537,
370.6565, 383.0487

■ 0.2763, 0.3898,
0.0510

■ 0.0000, 0.0000,
0.0000

■ 58.4165, 63.1495,
62.5363

■ 58.4165, 63.1495,
62.5363

■ 53.8131, 61.0390,
50.5410

■ 63.4944, 65.4695,
76.3096

■ 49.6631, 59.1231,
40.2471

■ 69.0568, 67.9971,
91.9252

■ 45.9513, 57.3976,
31.5787

■ 74.1378, 70.3483,
104.2788

■ 42.6595, 55.8550,
24.4522

■ 77.0387, 71.8438,
104.4146

■ 39.7683, 54.4871,
18.7768

■ 80.0831, 73.4133,
104.5571

■ 37.2560, 53.2851,
14.4521

■ 82.3378, 74.5756,
104.6626

■ 35.0988, 52.2391,
11.3650

■ 33.2690, 51.3378,
9.3839

■ 31.7332, 50.5674,
8.3463

Harmonies

Analogous

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



59.7404, 63.1495, 61.1765



58.4165, 63.1495, 62.5363



57.5332, 63.1495, 65.5688

Triad

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



58.4165, 63.1495, 62.5363



58.8972, 63.1495, 76.2428



62.8153, 63.1495, 67.9552

Complementary

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



58.4165, 63.1495, 62.5363



56.4579, 57.7395, 69.1451

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.



62.5809, 63.1495, 72.0512



58.4165, 63.1495, 62.5363



60.3039, 63.1495, 76.9437

Square

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



58.4165, 63.1495, 62.5363



57.8076, 63.1495, 73.5030



61.6561, 63.1495, 75.3815



62.2916, 63.1495, 64.2238

Rectangle

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



58.4165, 63.1495, 62.5363



57.3052, 63.1495, 68.1871



61.6561, 63.1495, 75.3815



62.8227, 63.1495, 69.3342

Sweetspot

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



58.4183, 63.1522, 62.5377



93.4618, 99.2749, 104.5963



58.1296, 60.4929, 62.0396



20.0214, 21.2565, 22.4330



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.



58.4183, 63.1522, 62.5377



89.6233, 97.5192, 94.3351



56.7947, 62.3153, 62.4617



12.4997, 13.6300, 13.0833



19.1108, 30.7209, 4.9225



1.1578, 1.7637, 0.2794

Inverse Universe

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



56.4579, 57.7395, 69.1451



85.8912, 87.2142, 106.9148



58.1237, 58.5983, 69.2231



11.9460, 12.1011, 14.9498



9.6328, 4.1462, 37.4851



0.6281, 0.2779, 2.1001

Previews

White Background



This preview shows how the XYZ color 58.4165, 63.1495, 62.5363 looks on a white background.

Color Contrast Check

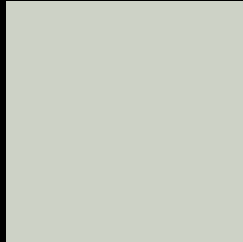
Large Text (above 18pt) WCAG AA × Fail

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 58.4165, 63.1495, 62.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

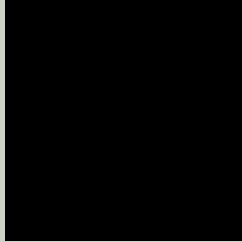
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

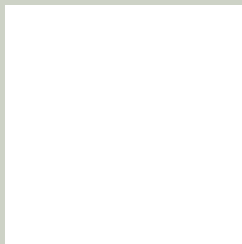
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4165, 63.1495, 62.5363

Background



This preview shows how black text looks on a background with the XYZ color 58.4165, 63.1495, 62.5363.



This preview shows how white text looks on a background with the XYZ color 58.4165, 63.1495, 62.5363.

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

58.4165, 63.1495, 62.5363

Protanopia

60.0082, 62.9073, 61.2041

Deuteranopia

64.2670, 62.9323, 63.4035



Tritanopia

61.6851, 63.0256, 78.7260

Trichromacy



Original Color

58.4165, 63.1495, 62.5363

Protanomaly

59.4979, 62.9919, 61.8461

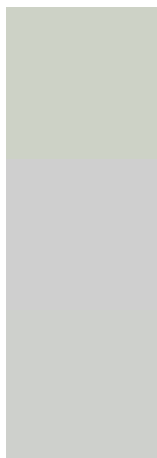
Deuteranomaly

62.0259, 62.8388, 62.8928

Tritanomaly

60.4628, 62.8906, 72.5707

Monochromacy



Original Color

58.4165, 63.1495, 62.5363

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9086, 62.5932, 66.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4165, 63.1495, 62.5363 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(205, 210, 198) looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 198)  
}
```

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(205, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.4165, 63.1495, 62.5363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

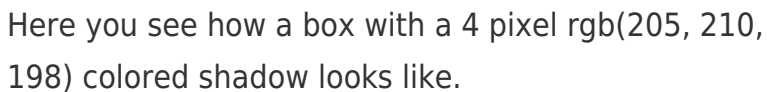
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 210, 198) }
```


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

```
.border{ border-color:rgb(205, 210, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 210, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 210, 198); box-shadow:4px 4px 4px 4px rgb(205, 210, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4165, 63.1495, 62.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 198) }
```

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

```
.background{ background-color: rgb(205,  
210, 198) }
```

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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