

Converting Colors

XYZ(58.3737, 63.0895, 64.3663)

Have a look what the booklet for
XYZ(58.3737, 63.0895, 64.3663)
contains.

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Color

**XYZ(58.4910, 63.1476,
64.3642)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD2C9
RGB	204, 210, 201
RGB Percent	80%, 82%, 79%
CMY	0.2000, 0.1765, 0.2118
CMYK	0.03, 0.00, 0.04, 0.18
HSL	100°, 9%, 81%
HSV	100°, 4%, 82%
XYZ	58.4910, 63.1476, 64.3642
YIQ	207.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

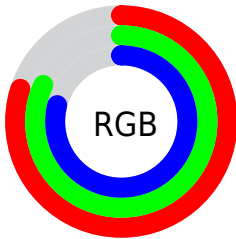
Format	Color
R_{YB}	201, 210, 207
Decimal	13423305
CIE Lab	83.52, -3.67, 3.73
CIE LCh	84, 5.239, 134.527
Yxy	63.1476, 0.3145, 0.3395
Android (android.graphics.Color)	4291613385 (0xFFCCD2C9)
YUV	207.1800, -3.0467, -2.7889
Hunter-Lab	79.4655, -7.6786, 7.6030

Details

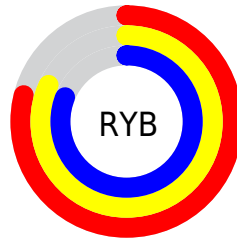
The XYZ color **58.4910, 63.1476, 64.3642** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2541, 59.6935, 69.4277**, and the grayscale version is **59.4450, 62.5408, 68.1069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7326, 32.3675, 32.2842** is the 20% darker color. If you saturate the color by 10%, you get **52.5206, 60.3378, 52.0588**, and if you desaturate by 10%, it is **65.1479, 66.2759, 78.4675**.

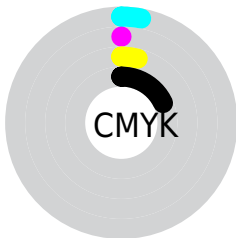
Distribution



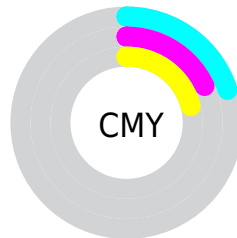
- Red (80%)
- Green (82%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4910, 63.1476, 64.3642 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 58.4910, 63.1476, 64.3642 by changing the saturation by 10% instead.

■ 58.4910, 63.1476,
64.3642

■ 58.4910, 63.1476,
64.3642

408.9375,
436.1050, 458.7472

■ 42.4483, 45.9606,
46.4977

101.7564,
109.3824, 112.7398

■ 29.6451, 32.2148,
32.2872

129.7098,
139.1991, 144.0859

■ 19.7161, 21.5256,
21.3143

162.3641,
173.9944, 180.7623

■ 12.2959, 13.5087,
13.1605

200.0848,
214.1528, 223.1875

■ 7.0192, 7.7798,
7.4071

243.2371,
260.0586, 271.7800

■ 3.5205, 3.9544,
3.6357

292.1864,

■ 1.4346, 1.6481,

312.0964, 326.9585

1.4277

347.2981,
370.6503, 389.1413

■ 0.2807, 0.3897,
0.1632

■ 0.0000, 0.0000,
0.0000

■ 58.4910, 63.1476,
64.3642

■ 58.4910, 63.1476,
64.3642

■ 52.5206, 60.3378,
52.0588

■ 65.1479, 66.2759,
78.4675

■ 47.2088, 57.8282,
41.4749

■ 72.5075, 69.7242,
94.4325

■ 42.5333, 55.6109,
32.5370

■ 79.1085, 72.9109,
104.5115

■ 38.4687, 53.6745,
25.1622

■ 82.3378, 74.5757,
104.6626

■ 34.9876, 52.0070,
19.2604

■ 32.0603, 50.5951,
14.7324

■ 29.6543, 49.4245,
11.4667

■ 27.7329, 48.4792,
9.3344

■ 26.2532, 47.7404,
8.1789

Harmonies

Analogous

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



59.4700, 63.1476, 62.8389



58.4910, 63.1476, 64.3642



57.9254, 63.1476, 67.0905

Triad

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



58.4910, 63.1476, 64.3642



59.4352, 63.1476, 75.0070



62.1739, 63.1476, 67.1893

Complementary

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



58.4910, 63.1476, 64.3642



58.2541, 59.6935, 69.4277

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.



62.1643, 63.1476, 70.4508



58.4910, 63.1476, 64.3642



60.5732, 63.1476, 75.0354

Square

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



58.4910, 63.1476, 64.3642



58.4658, 63.1476, 73.2686



61.5752, 63.1476, 73.3453



61.6013, 63.1476, 64.4345

Rectangle

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



58.4910, 63.1476, 64.3642



57.8543, 63.1476, 69.2553



61.5752, 63.1476, 73.3453



62.2389, 63.1476, 68.2611

Sweetspot

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



58.4928, 63.1503, 64.3656



94.0193, 99.5158, 106.7229



59.4363, 62.5470, 64.1994



20.1349, 21.3056, 22.8660



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.



58.4928, 63.1503, 64.3656



90.0055, 97.6288, 98.3018



57.8559, 62.8015, 65.2619



12.5198, 13.6291, 13.5948



15.6929, 28.9590, 4.7625



0.9609, 1.6622, 0.2702

Inverse Universe

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



58.2541, 59.6935, 69.4277



89.5710, 91.3364, 107.5165



58.9141, 60.0553, 68.4871



12.4522, 12.6497, 15.0290



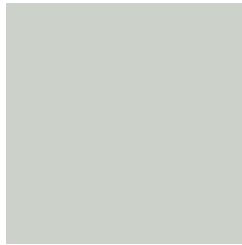
13.8072, 6.2982, 37.6804



0.8542, 0.3945, 2.1107

Previews

White Background



This preview shows how the XYZ color 58.4910, 63.1476, 64.3642 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 58.4910, 63.1476, 64.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

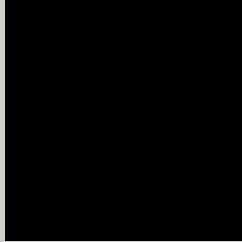
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

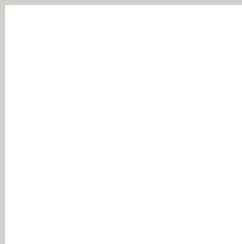
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4910, 63.1476, 64.3642

Background



This preview shows how black text looks on a background with the XYZ color 58.4910, 63.1476, 64.3642.

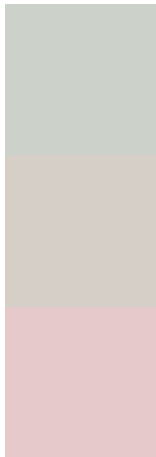


This preview shows how white text looks on a background with the XYZ color 58.4910, 63.1476,

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

58.4910, 63.1476, 64.3642

Protanopia

60.3532, 63.0453, 63.0208

Deuteranopia

64.2993, 62.9081, 65.2534



Tritanopia

61.3642, 63.2188, 78.7802

Trichromacy



Original Color

58.4910, 63.1476, 64.3642

Protanomaly

59.5595, 62.9835, 63.6615

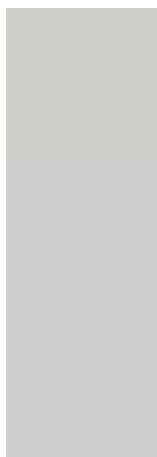
Deuteranomaly

62.0723, 62.8222, 64.7314

Tritanomaly

60.2752, 63.1399, 73.3003

Monochromacy



Original Color

58.4910, 63.1476, 64.3642

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0289, 62.6413, 66.7374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4910, 63.1476, 64.3642 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, 210, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 210, 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(204, 210, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 210, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.4910, 63.1476, 64.3642 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, 210, 201) }
```


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

```
.border{ border-color:rgb(204, 210, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 210, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 210, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 210, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 210,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4910, 63.1476, 64.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 210, 201) }
```

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

```
.background{ background-color: rgb(204,  
210, 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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