

Converting Colors

XYZ(58.1624, 64.8665, 63.4878)

Have a look what the booklet for
XYZ(58.1624, 64.8665, 63.4878)
contains.

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Color

**XYZ(58.1624, 64.8665,
63.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7C7
RGB	199, 215, 199
RGB Percent	78%, 84%, 78%
CMY	0.2196, 0.1568, 0.2196
CMYK	0.07, 0.00, 0.07, 0.16
HSL	120°, 17%, 81%
HSV	120°, 7%, 84%
XYZ	58.1624, 64.8665, 63.4878
YIQ	208.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

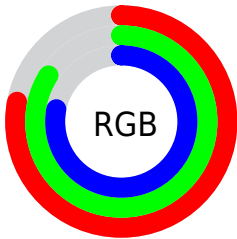
Format	Color
RYB	199, 215, 215
Decimal	13096903
CIELab	84.41, -8.33, 6.04
CIELCh	84, 10.290, 144.037
Yxy	64.8665, 0.3118, 0.3478
Android (android.graphics.Color)	4291286983 (0xFFC7D7C7)
YUV	208.3920, -4.6303, -8.2368
Hunter-Lab	80.5397, -12.0394, 9.6407

Details

The XYZ color **58.1624, 64.8665, 63.4878** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7158, 60.2018, 72.7131**, and the grayscale version is **60.2413, 63.3785, 69.0192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3587, 33.2057, 31.6500** is the 20% darker color. If you saturate the color by 10%, you get **50.5333, 61.2038, 51.0077**, and if you desaturate by 10%, it is **66.9538, 69.0914, 77.8661**.

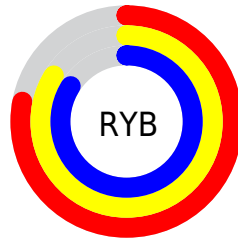
Distribution



Red (78%)

Green (84%)

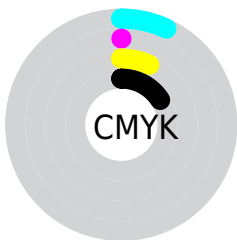
Blue (78%)



Red (78%)

Yellow (84%)

Blue (84%)

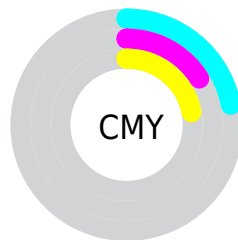


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1624, 64.8665, 63.4878 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 58.1624, 64.8665, 63.4878 by changing the saturation by 10% instead.

■ 58.1624, 64.8665,
63.4878

■ 58.1624, 64.8665,
63.4878

407.7349,
442.3121, 455.4942

■ 42.1830, 47.3528,
45.7924

101.2809,
111.8579, 111.4653

■ 29.4363, 33.3147,
31.7346

129.1507,
142.1044, 142.5845

■ 19.5571, 22.3676,
20.8957

161.7147,
177.3640, 179.0154

■ 12.1799, 14.1273,
12.8573

199.3383,
218.0211, 221.1766

■ 6.9394, 8.2092,
7.2008

242.3867,
264.4601, 269.4865

■ 3.4702, 4.2291,
3.5076

291.2254,

■ 1.4070, 1.8025,

317.0653, 324.3637

1.3593

346.2197,
376.2212, 386.2268

■ 0.2612, 0.4888,
0.1097

■ 0.0000, 0.0000,
0.0000

■ 58.1624, 64.8665,
63.4878

■ 58.1624, 64.8665,
63.4878

■ 50.5333, 61.2038,
51.0077

■ 66.9538, 69.0914,
77.8661

■ 44.0129, 58.0717,
40.3424

■ 76.9477, 73.8919,
94.2127

■ 38.5512, 55.4482,
31.4087

■ 83.5917, 77.0834,
105.0806

■ 34.0924, 53.3063,
24.1155

■ 30.5755, 51.6170,
18.3629

■ 27.9329, 50.3476,
14.0404

■ 26.0881, 49.4615,
11.0229

■ 24.9515, 48.9155,
9.1635

■ 24.4006, 48.6509,
8.2625

Harmonies

Analogous

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



59.8797, 64.8665, 59.7398



58.1624, 64.8665, 63.4878



57.3826, 64.8665, 69.3284

Triad

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



58.1624, 64.8665, 63.4878



61.1980, 64.8665, 83.9096



65.7576, 64.8665, 65.6218

Complementary

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



58.1624, 64.8665, 63.4878



60.7158, 60.2018, 72.7131

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.



66.1316, 64.8665, 71.9450



58.1624, 64.8665, 63.4878



63.4623, 64.8665, 82.7661

Square

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



58.1624, 64.8665, 63.4878



59.1071, 64.8665, 81.3205



65.2819, 64.8665, 78.2857



64.2723, 64.8665, 60.9175

Rectangle

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



58.1624, 64.8665, 63.4878



57.4851, 64.8665, 73.7276



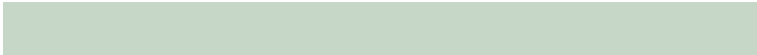
65.2819, 64.8665, 78.2857



66.0190, 64.8665, 67.6177

Sweetspot

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



58.1642, 64.8693, 63.4892



92.3882, 98.7214, 104.5461



62.6364, 67.1748, 63.6983



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



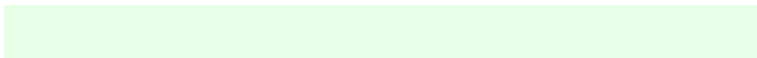
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1642, 64.8693, 63.4892



83.6276, 94.5132, 90.2168



59.1181, 65.2508, 68.5123



12.2625, 13.8960, 13.1967



14.5346, 29.0692, 4.8450



0.8767, 1.7533, 0.2922

Inverse Universe

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



60.7158, 60.2018, 72.7131



88.1606, 86.2213, 106.6032



59.7124, 59.8004, 67.4289



12.9531, 12.6327, 15.6931



24.0980, 11.5755, 39.4156



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 58.1624, 64.8665, 63.4878 looks on a white background.

Color Contrast Check

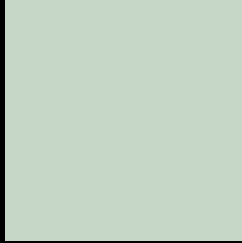
Large Text (above 18pt) WCAG AA × Fail

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 58.1624, 64.8665, 63.4878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

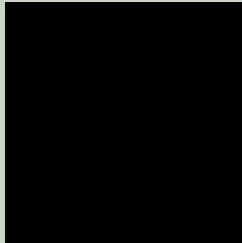
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

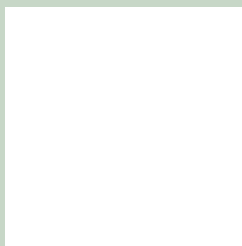
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1624, 64.8665, 63.4878

Background



This preview shows how black text looks on a background with the XYZ color 58.1624, 64.8665, 63.4878.

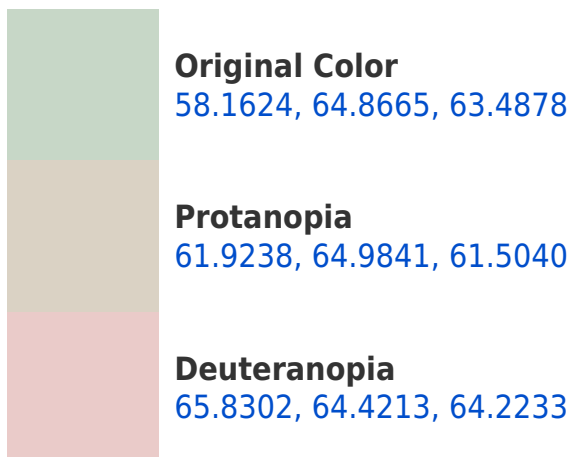


This preview shows how white text looks on a background with the XYZ color 58.1624, 64.8665,

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

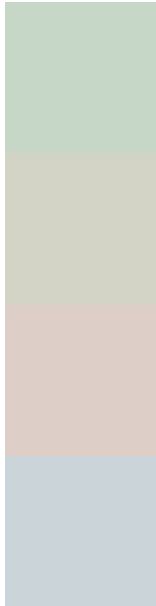




Tritanopia

62.0612, 64.9720, 81.9429

Trichromacy



Original Color

58.1624, 64.8665, 63.4878

Protanomaly

60.4855, 64.9671, 62.1753

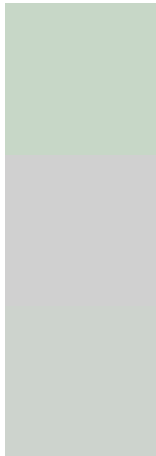
Deuteranomaly

62.5569, 64.1679, 63.7321

Tritanomaly

60.4250, 64.6533, 74.9402

Monochromacy



Original Color

58.1624, 64.8665, 63.4878

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4905, 63.9754, 66.9706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1624, 64.8665, 63.4878 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(199, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 199)  
}
```

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(199, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.1624, 64.8665, 63.4878 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(199, 215, 199) }
```


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

```
.border{ border-color:rgb(199, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 215, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 215, 199); box-shadow:4px 4px 4px 4px rgb(199, 215, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1624, 64.8665, 63.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 199) }
```

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

```
.background{ background-color: rgb(199,  
215, 199) }
```

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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