

Converting Colors

XYZ(58.8826, 63.0585, 64.3271)

Have a look what the booklet for
XYZ(58.8826, 63.0585, 64.3271)
contains.

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Color

**XYZ(58.7967, 62.9398,
64.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1C9
RGB	206, 209, 201
RGB Percent	81%, 82%, 79%
CMY	0.1922, 0.1804, 0.2118
CMYK	0.01, 0.00, 0.04, 0.18
HSL	83°, 8%, 80%
HSV	83°, 4%, 82%
XYZ	58.7967, 62.9398, 64.3080
YIQ	207.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

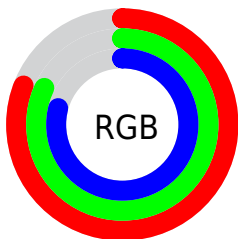
Format	Color
RYB	201, 209, 204
Decimal	13554121
CIELab	83.41, -2.46, 3.60
CIELCh	83, 4.358, 124.414
Yxy	62.9398, 0.3160, 0.3383
Android (android.graphics.Color)	4291744201 (0xFFCED1C9)
YUV	207.1910, -3.0522, -1.0445
Hunter-Lab	79.3346, -6.5451, 7.4742

Details

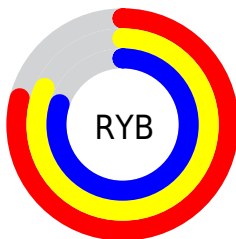
The XYZ color **58.7967, 62.9398, 64.3080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2995, 59.2158, 68.7346**, and the grayscale version is **59.4515, 62.5476, 68.1143**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9367, 32.2247, 32.2459** is the 20% darker color. If you saturate the color by 10%, you get **54.3804, 60.9300, 52.1285**, and if you desaturate by 10%, it is **63.6598, 65.1449, 78.2574**.

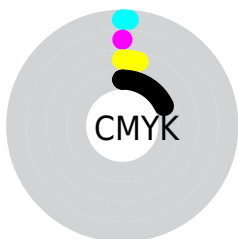
Distribution



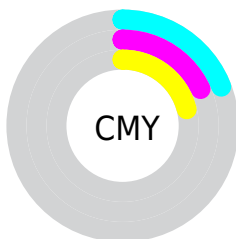
- Red (81%)
- Green (82%)
- Blue (79%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7967, 62.9398, 64.3080 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 58.7967, 62.9398, 64.3080 by changing the saturation by 10% instead.

■ 58.7967, 62.9398,
64.3080

■ 58.7967, 62.9398,
64.3080

410.0543,
435.3510, 458.5390

■ 42.6952, 45.7925,
46.4524

102.1984,
109.0827, 112.6581

■ 29.8395, 32.0821,
32.2517

130.2294,
138.8470, 143.9897

■ 19.8643, 21.4242,
21.2874

162.9676,
173.5858, 180.6504

■ 12.4041, 13.4345,
13.1410

200.7784,
213.6835, 223.0587

■ 7.0937, 7.7284,
7.3938

244.0271,
259.5245, 271.6332

■ 3.5676, 3.9216,
3.6274

293.0791,

■ 1.4606, 1.6298,

311.4932, 326.7924

1.4233

348.2997,
369.9738, 388.9548

■ 0.2988, 0.3776,
0.1598

■ 0.0000, 0.0000,
0.0000

■ 58.7967, 62.9398,
64.3080

■ 58.7967, 62.9398,
64.3080

■ 54.3804, 60.9300,
52.1285

■ 63.6598, 65.1449,
78.2574

■ 50.3908, 59.1011,
41.6440

■ 68.9786, 67.5431,
94.0393

■ 46.8134, 57.4495,
32.7803

■ 73.3351, 69.5692,
104.1708

■ 43.6315, 55.9679,
25.4563

■ 75.9027, 70.8928,
104.2909

■ 40.8264, 54.6489,
19.5837

■ 78.5849, 72.2756,
104.4165

■ 38.3781, 53.4842,
15.0653

■ 81.3832, 73.7181,
104.5474

■ 36.2641, 52.4647,
11.7920

■ 82.0917, 74.0834,
104.5806

■ 34.4586, 51.5797,
9.6378

■ 32.9309, 50.8169,
8.4503

Harmonies

Analogous

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



59.6820, 62.9398, 63.4497



58.7967, 62.9398, 64.3080



58.1911, 62.9398, 66.2979

Triad

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



58.7967, 62.9398, 64.3080



59.0376, 62.9398, 73.3546



61.6608, 62.9398, 68.1292

Complementary

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



58.7967, 62.9398, 64.3080



57.2995, 59.2158, 68.7346

Split Complementary

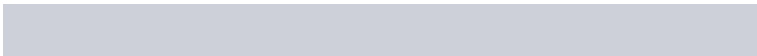
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4839, 62.9398, 70.8132



58.7967, 62.9398, 64.3080



59.9630, 62.9398, 73.8760

Square

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



58.7967, 62.9398, 64.3080



58.3292, 62.9398, 71.5279



60.8599, 62.9398, 72.9344



61.3409, 62.9398, 65.6185

Rectangle

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



58.7967, 62.9398, 64.3080



58.0241, 62.9398, 68.0232



60.8599, 62.9398, 72.9344



61.6575, 62.9398, 69.0408

Sweetspot

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



58.7985, 62.9425, 64.3094



94.2909, 99.6558, 106.7356



58.4164, 60.9285, 63.9408



20.1901, 21.3341, 22.8686



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.



58.7985, 62.9425, 64.3094



91.3260, 98.3096, 98.3637



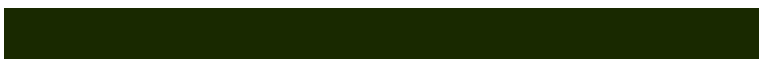
57.7202, 62.3866, 64.2589



12.7253, 13.7350, 13.6044



19.9000, 31.1278, 4.9594



1.1991, 1.7850, 0.2813

Inverse Universe

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



57.2995, 59.2158, 68.7346



88.2467, 90.6537, 107.4546



58.3912, 59.7786, 68.7857



12.2460, 12.5434, 15.0193



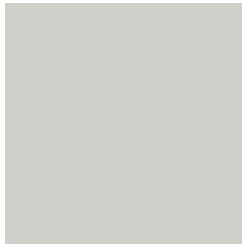
9.1561, 3.9005, 37.4628



0.5989, 0.2629, 2.0987

Previews

White Background



This preview shows how the XYZ color 58.7967, 62.9398, 64.3080 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 58.7967, 62.9398, 64.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

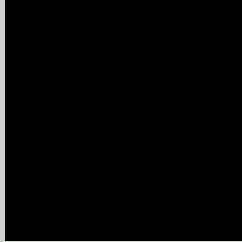
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

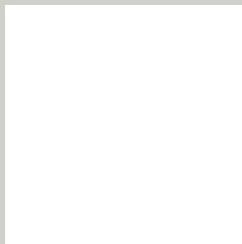
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7967, 62.9398, 64.3080

Background



This preview shows how black text looks on a background with the XYZ color 58.7967, 62.9398, 64.3080.

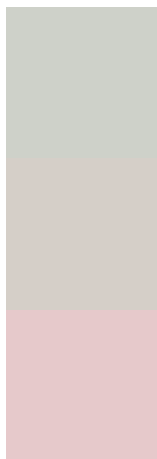


This preview shows how white text looks on a background with the XYZ color 58.7967, 62.9398,

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

58.7967, 62.9398, 64.3080

Protanopia

60.1787, 62.9419, 63.6208

Deuteranopia

64.2993, 62.9081, 65.2534



Tritanopia

61.5506, 62.9718, 78.0180

Trichromacy



Original Color

58.7967, 62.9398, 64.3080

Protanomaly

59.5595, 62.9835, 63.6615

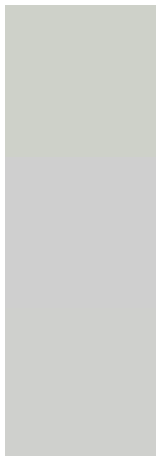
Deuteranomaly

62.0723, 62.8222, 64.7314

Tritanomaly

60.4628, 62.8906, 72.5707

Monochromacy



Original Color

58.7967, 62.9398, 64.3080

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3074, 62.7849, 66.7505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7967, 62.9398, 64.3080 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(206, 209, 201) looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 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(206, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.7967, 62.9398, 64.3080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

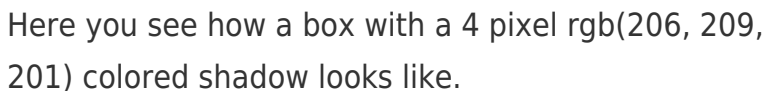
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 209, 201) }
```


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

```
.border{ border-color:rgb(206, 209, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7967, 62.9398, 64.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 201) }
```

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

```
.background{ background-color: rgb(206,  
209, 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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