

Converting Colors

XYZ(59.1870, 64.7528, 64.1915)

Have a look what the booklet for
XYZ(59.1870, 64.7528, 64.1915)
contains.

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Color

**XYZ(59.1214, 64.5960,
63.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD5C8
RGB	204, 213, 200
RGB Percent	80%, 84%, 78%
CMY	0.2000, 0.1647, 0.2157
CMYK	0.04, 0.00, 0.06, 0.16
HSL	102°, 13%, 81%
HSV	102°, 6%, 84%
XYZ	59.1214, 64.5960, 63.9958
YIQ	208.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

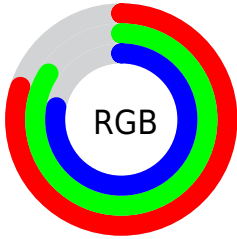
Format	Color
R _Y B	200, 213, 209
Decimal	13424072
CIE Lab	84.28, -5.41, 5.36
CIE LCh	84, 7.611, 135.259
Yxy	64.5960, 0.3150, 0.3441
Android (android.graphics.Color)	4291614152 (0xFFCCD5C8)
YUV	208.8270, -4.3517, -4.2333
Hunter-Lab	80.3716, -9.3457, 9.0506

Details

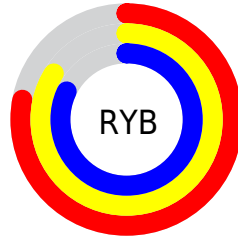
The XYZ color **59.1214, 64.5960, 63.9958** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9615, 59.6697, 71.3639**, and the grayscale version is **60.5211, 63.6729, 69.3398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9928, 33.0131, 31.9855** is the 20% darker color. If you saturate the color by 10%, you get **52.9509, 61.6847, 51.6050**, and if you desaturate by 10%, it is **66.0252, 67.8489, 78.2340**.

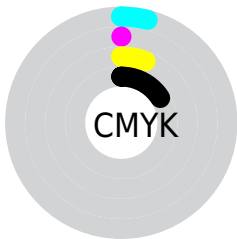
Distribution



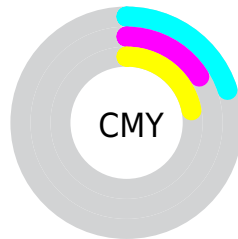
- Red (80%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1214, 64.5960, 63.9958 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 59.1214, 64.5960, 63.9958 by changing the saturation by 10% instead.

■ 59.1214, 64.5960,
63.9958

■ 59.1214, 64.5960,
63.9958

411.2385,
441.3387, 457.3815

■ 42.9576, 47.1336,
46.2011

102.6677,
111.4688, 112.2043

■ 30.0462, 33.1413,
32.0547

130.7809,
141.6480, 143.4552

■ 20.0219, 22.2347,
21.1381

163.6080,
176.8349, 180.0286

■ 12.5193, 14.0294,
13.0328

201.5143,
217.4139, 222.3429

■ 7.1731, 8.1411,
7.3201

244.8651,
263.7694, 270.8169

■ 3.6179, 4.1854,
3.5816

294.0258,

■ 1.4883, 1.7778,

316.2858, 325.8689

1.3988

349.3618,
375.3474, 387.9176

■ 0.3179, 0.4733,
0.1408

■ 0.0000, 0.0000,
0.0000

■ 59.1214, 64.5960,
63.9958

■ 59.1214, 64.5960,
63.9958

■ 52.9509, 61.6847,
51.6050

■ 66.0252, 67.8489,
78.2340

■ 47.4835, 59.0957,
40.9818

■ 73.6806, 71.4458,
94.3867

■ 42.6948, 56.8198,
32.0469

■ 80.6448, 74.8128,
104.7976

■ 38.5566, 54.8445,
24.7131

■ 83.0855, 76.0710,
104.9118

■ 35.0389, 53.1564,
18.8857

■ 32.1090, 51.7409,
14.4596

■ 29.7307, 50.5820,
11.3165

■ 27.8635, 49.6617,
9.3186

■ 26.4588, 48.9587,
8.2937

Harmonies

Analogous

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



60.5469, 64.5960, 61.7475



59.1214, 64.5960, 63.9958



58.3129, 64.5960, 67.9967

Triad

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



59.1214, 64.5960, 63.9958



60.5749, 64.5960, 79.7055



64.5792, 64.5960, 67.9176

Complementary

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



59.1214, 64.5960, 63.9958



58.9615, 59.6697, 71.3639

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.



64.5871, 64.5960, 72.7244



59.1214, 64.5960, 63.9958



62.2541, 64.5960, 79.6819

Square

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



59.1214, 64.5960, 63.9958



59.1416, 64.5960, 77.1406



63.7294, 64.5960, 77.0776



63.7081, 64.5960, 63.9402

Rectangle

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



59.1214, 64.5960, 63.9958



58.2230, 64.5960, 71.1889



63.7294, 64.5960, 77.0776



64.6834, 64.5960, 69.4861

Sweetspot

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



59.1232, 64.5988, 63.9972



92.9524, 99.0122, 104.5724



60.6404, 63.8627, 63.7752



19.9176, 21.2031, 22.4281



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.



59.1232, 64.5988, 63.9972



87.9061, 96.6340, 94.2548



58.3217, 64.1532, 65.4256



12.8835, 14.2046, 13.7501



15.9793, 29.8139, 4.9125



1.0476, 1.8414, 0.3002

Inverse Universe

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



58.9615, 59.6697, 71.3639



87.6265, 88.1088, 106.9960



59.8071, 60.1403, 69.8353



12.8397, 12.8698, 15.7449



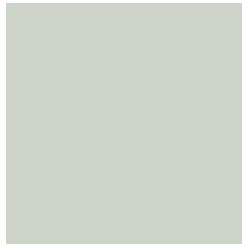
14.8483, 6.8071, 38.9845



0.9784, 0.4533, 2.3552

Previews

White Background



This preview shows how the XYZ color 59.1214, 64.5960, 63.9958 looks on a white background.

Color Contrast Check

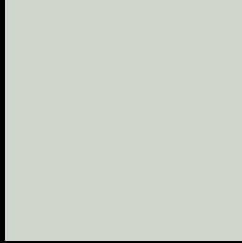
Large Text (above 18pt) WCAG AA × Fail

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 59.1214, 64.5960, 63.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

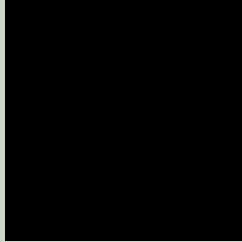
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

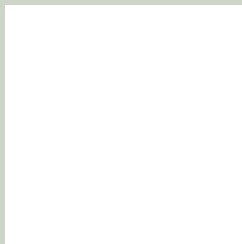
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1214, 64.5960, 63.9958

Background



This preview shows how black text looks on a background with the XYZ color 59.1214, 64.5960, 63.9958.



This preview shows how white text looks on a background with the XYZ color 59.1214, 64.5960,

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

59.1214, 64.5960, 63.9958

Protanopia

61.6088, 64.4299, 62.6152

Deuteranopia

65.6209, 64.2998, 64.8296



Tritanopia

62.5404, 64.5018, 81.1054

Trichromacy



Original Color

59.1214, 64.5960, 63.9958

Protanomaly

60.5068, 64.2138, 63.2383

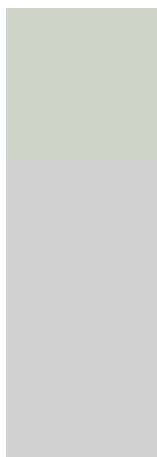
Deuteranomaly

62.9796, 64.3723, 64.3641

Tritanomaly

61.3031, 64.3683, 74.8390

Monochromacy



Original Color

59.1214, 64.5960, 63.9958

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9193, 63.8148, 67.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1214, 64.5960, 63.9958 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, 213, 200) looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 200)  
}
```

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, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.1214, 64.5960, 63.9958 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, 213, 200) }
```


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

```
.border{ border-color:rgb(204, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 213,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1214, 64.5960, 63.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 200) }
```

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

```
.background{ background-color: rgb(204,  
213, 200) }
```

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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