

Converting Colors

XYZ(59.5894, 65.1185, 71.7191)

Have a look what the booklet for
XYZ(59.5894, 65.1185, 71.7191)
contains.

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Color

**XYZ(59.4834, 64.9887,
71.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6D4
RGB	199, 214, 212
RGB Percent	78%, 84%, 83%
CMY	0.2196, 0.1608, 0.1686
CMYK	0.07, 0.00, 0.01, 0.16
HSL	172°, 15%, 81%
HSV	172°, 7%, 84%
XYZ	59.4834, 64.9887, 71.6963
YIQ	209.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

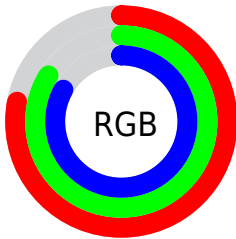
Format	Color
R _Y B	199, 207, 214
Decimal	13096660
CIE Lab	84.48, -5.41, -0.76
CIE LCh	84, 5.464, 187.989
Yxy	64.9887, 0.3032, 0.3313
Android (android.graphics.Color)	4291286740 (0xFFC7D6D4)
YUV	209.2870, 1.3375, -9.0217
Hunter-Lab	80.6156, -9.3684, 3.7007

Details

The XYZ color **59.4834, 64.9887, 71.6963** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6999, 59.3617, 63.6255**, and the grayscale version is **60.7886, 63.9544, 69.6463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1610, 33.2503, 36.7266** is the 20% darker color. If you saturate the color by 10%, you get **53.8429, 62.1240, 69.5684**, and if you desaturate by 10%, it is **65.9325, 68.2731, 73.8981**.

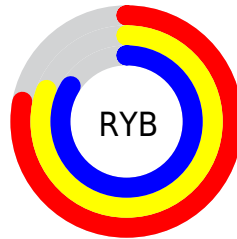
Distribution



Red (78%)

Green (84%)

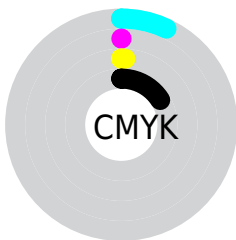
Blue (83%)



Red (78%)

Yellow (81%)

Blue (84%)

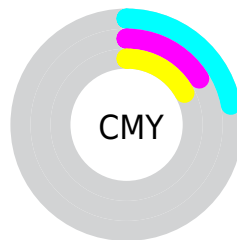


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4834, 64.9887, 71.6963 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 59.4834, 64.9887, 71.6963 by changing the saturation by 10% instead.

■ 59.4834, 64.9887,
71.6963

■ 59.4834, 64.9887,
71.6963

412.5563,
442.7514, 485.4329

■ 43.2502, 47.4519,
52.4253

103.1905,
112.0336, 123.3284

■ 30.2769, 33.3931,
36.9596

131.3952,
142.3105, 156.5265

■ 20.1980, 22.4277,
24.8807

164.3211,
177.6029, 195.2041

■ 12.6481, 14.1715,
15.7700

202.3336,
218.2953, 239.7797

■ 7.2620, 8.2401,
9.2089

245.7980,
264.7719, 290.6718

■ 3.6743, 4.2489,
4.7790

295.0797,

■ 1.5196, 1.8138,

317.4172, 348.2991

2.0617

350.5440,
376.6155, 413.0799

■ 0.3391, 0.4957,
0.5929

■ 0.0000, 0.0000,
0.0000

■ 59.4834, 64.9887,
71.6963

■ 59.4834, 64.9887,
71.6963

■ 53.8429, 62.1240,
69.5684

■ 65.9325, 68.2731,
73.8981

■ 48.9724, 59.6537,
67.5083


■ 73.2158, 71.9850,
76.1710


■ 44.8380, 57.5622,
65.5156


■ 78.2823, 74.5534,
78.3738


■ 41.4016, 55.8298,
63.5884


■ 78.6654, 74.7066,
80.3913


 38.6214, 54.4349,
61.7245


 79.0550, 74.8625,
82.4430


 36.4511, 53.3537,
59.9217


 79.4512, 75.0209,
84.5292


 34.8383, 52.5592,
58.1771

 79.8539, 75.1820,
86.6500

 33.7218, 52.0199,
56.4880

 80.2632, 75.3458,
88.8055

 33.0210, 51.6941,
54.8501

 80.6792, 75.5121,
90.9960

Harmonies

Analogous

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



59.6276, 64.9887, 68.2818



59.4834, 64.9887, 71.6963



59.9455, 64.9887, 74.9634

Triad

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



59.4834, 64.9887, 71.6963



63.2200, 64.9887, 76.1709



62.6502, 64.9887, 64.7338

Complementary

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



59.4834, 64.9887, 71.6963



58.6999, 59.3617, 63.6255

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.



63.6308, 64.9887, 66.7199



59.4834, 64.9887, 71.6963



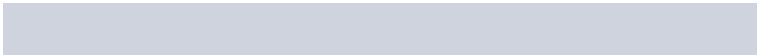
63.9628, 64.9887, 73.3008

Square

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



59.4834, 64.9887, 71.6963



62.0953, 64.9887, 77.6015



64.1141, 64.9887, 69.8352



61.4455, 64.9887, 64.3360

Rectangle

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



59.4834, 64.9887, 71.6963



60.5388, 64.9887, 76.5923



64.1141, 64.9887, 69.8352



63.0174, 64.9887, 65.2346

Sweetspot

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



59.4853, 64.9915, 71.6977



93.0891, 99.0017, 108.2369



58.5120, 64.6716, 63.4328



19.9454, 21.2009, 23.1742



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.



59.4853, 64.9915, 71.6977



87.5035, 96.1599, 106.2738



58.4319, 62.4778, 72.6013



12.7175, 14.0780, 15.5929



19.8828, 31.2085, 33.0082



1.2195, 1.8904, 2.0975

Inverse Universe

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



58.6999, 59.3617, 63.6255



86.1674, 86.5812, 92.5395



59.6949, 61.7264, 62.8019



12.4901, 12.4475, 13.2551



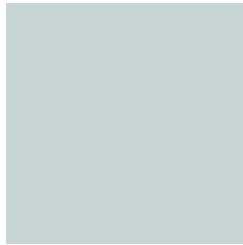
16.9147, 8.7022, 1.5890



1.0427, 0.5339, 0.2143

Previews

White Background



This preview shows how the XYZ color 59.4834, 64.9887, 71.6963 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 59.4834, 64.9887, 71.6963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

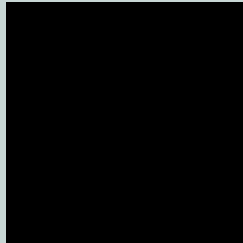
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

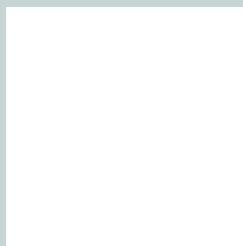
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4834, 64.9887, 71.6963

Background



This preview shows how black text looks on a background with the XYZ color 59.4834, 64.9887, 71.6963.

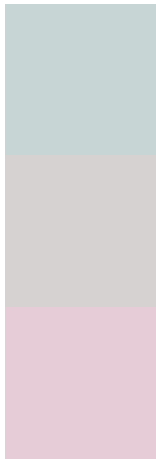


This preview shows how white text looks on a background with the XYZ color 59.4834, 64.9887,

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

59.4834, 64.9887, 71.6963

Protanopia

62.2868, 64.9928, 69.5836

Deuteranopia

66.0436, 64.6988, 72.6256



Tritanopia

61.9042, 65.2450, 82.7296

Trichromacy



Original Color

59.4834, 64.9887, 71.6963

Protanomaly

61.2216, 64.7970, 70.2531

Deuteranomaly

63.4796, 64.8213, 72.1168

Tritanomaly

61.0665, 65.2799, 78.4890

Monochromacy



Original Color

59.4834, 64.9887, 71.6963

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1040, 64.2208, 70.2008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4834, 64.9887, 71.6963 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, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 212)  
}
```

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, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.4834, 64.9887, 71.6963 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, 214, 212) }
```


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

```
.border{ border-color:rgb(199, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4834, 64.9887, 71.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 212) }
```

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

```
.background{ background-color: rgb(199,  
214, 212) }
```

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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