

Converting Colors

XYZ(59.0261, 64.0657, 63.2691)

Have a look what the booklet for
XYZ(59.0261, 64.0657, 63.2691)
contains.

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Color

**XYZ(59.0291, 64.1896,
63.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD4C7
RGB	205, 212, 199
RGB Percent	80%, 83%, 78%
CMY	0.1961, 0.1686, 0.2196
CMYK	0.03, 0.00, 0.06, 0.17
HSL	92°, 13%, 81%
HSV	92°, 6%, 83%
XYZ	59.0291, 64.1896, 63.3115
YIQ	208.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

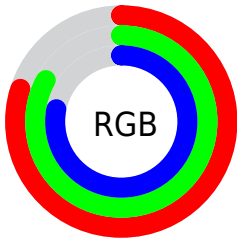
Format	Color
RYB	199, 212, 206
Decimal	13489351
CIELab	84.06, -4.72, 5.59
CIElCh	84, 7.319, 130.159
Yxy	64.1896, 0.3165, 0.3441
Android (android.graphics.Color)	4291679431 (0xFFCDD4C7)
YUV	208.4250, -4.6465, -3.0037
Hunter-Lab	80.1184, -8.6932, 9.2305

Details

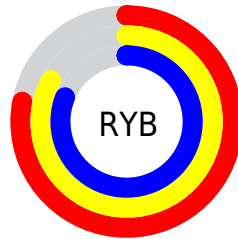
The XYZ color **59.0291, 64.1896, 63.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7632, 58.7239, 70.5811**, and the grayscale version is **60.2608, 63.3990, 69.0415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9303, 32.7376, 31.5296** is the 20% darker color. If you saturate the color by 10%, you get **53.7017, 61.7100, 51.0957**, and if you desaturate by 10%, it is **64.9330, 66.9305, 77.3471**.

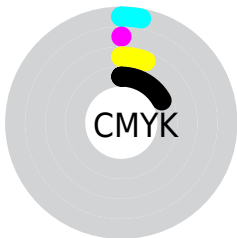
Distribution



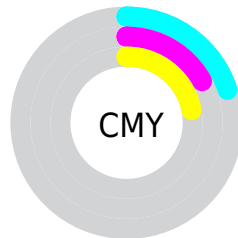
- Red (80%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0291, 64.1896, 63.3115 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 59.0291, 64.1896, 63.3115 by changing the saturation by 10% instead.

■ 59.0291, 64.1896,
63.3115

■ 59.0291, 64.1896,
63.3115

410.9021,
439.8740, 454.8381

■ 42.8830, 46.8043,
45.6506

102.5343,
110.8839, 111.2087

■ 29.9875, 32.8809,
31.6235

130.6242,
140.9617, 142.2821

■ 19.9771, 22.0353,
20.8117

163.4260,
176.0391, 178.6635

■ 12.4866, 13.8828,
12.7965

201.3052,
216.5005, 220.7713

■ 7.1505, 8.0392,
7.1595

244.6270,
262.7303, 269.0241

■ 3.6036, 4.1200,
3.4821

293.7568,

■ 1.4804, 1.7409,

315.1129, 323.8405

1.3458

349.0601,
374.0327, 385.6390

■ 0.3124, 0.4500,
0.0989

■ 0.0000, 0.0000,
0.0000

■ 59.0291, 64.1896,
63.3115

■ 59.0291, 64.1896,
63.3115

■ 53.7017, 61.7100,
51.0957

■ 64.9330, 66.9305,
77.3471

■ 48.9265, 59.4752,
40.6209

■ 71.4260, 69.9321,
93.2684

■ 44.6851, 57.4793,
31.8091

■ 77.2785, 72.7051,
104.5682

■ 40.9561, 55.7132,
24.5743

■ 81.2621, 74.7587,
104.7546

■ 37.7163, 54.1670,
18.8231

■ 82.8347, 75.5695,
104.8282

■ 34.9406, 52.8299,
14.4521

■ 32.6009, 51.6901,
11.3446

■ 30.6654, 50.7341,
9.3648

■ 29.0953, 49.9457,
8.3424

Harmonies

Analogous

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



60.4641, 64.1896, 61.4965



59.0291, 64.1896, 63.3115



58.1352, 64.1896, 66.9158

Triad

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



59.0291, 64.1896, 63.3115



59.9622, 64.1896, 78.5969



64.1188, 64.1896, 68.3343

Complementary

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



59.0291, 64.1896, 63.3115



57.7632, 58.7239, 70.5811

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.



63.9787, 64.1896, 72.9543



59.0291, 64.1896, 63.3115



61.5598, 64.1896, 79.0178

Square

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



59.0291, 64.1896, 63.3115



58.6672, 64.1896, 75.7865



63.0353, 64.1896, 76.9124



63.4149, 64.1896, 64.3106

Rectangle

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



59.0291, 64.1896, 63.3115



57.9568, 64.1896, 69.9163



63.0353, 64.1896, 76.9124



64.1692, 64.1896, 69.8669

Sweetspot

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



59.0309, 64.1924, 63.3129



93.2362, 99.1586, 104.5857



59.5179, 62.2335, 62.9091



19.9754, 21.2329, 22.4308



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.



59.0309, 64.1924, 63.3129



88.8589, 97.1251, 94.2994



57.4577, 63.3756, 63.5024



13.0326, 14.2814, 13.7571



17.7447, 30.7241, 4.9951



1.1652, 1.9020, 0.3057

Inverse Universe

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



57.7632, 58.7239, 70.5811



86.6523, 87.6066, 106.9504



59.4063, 59.5772, 70.3729



12.6871, 12.7912, 15.7378



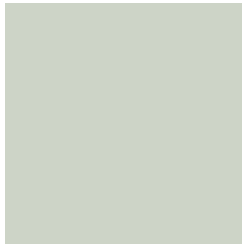
11.7523, 5.2110, 38.8396



0.8039, 0.3633, 2.3471

Previews

White Background



This preview shows how the XYZ color 59.0291, 64.1896, 63.3115 looks on a white background.

Color Contrast Check

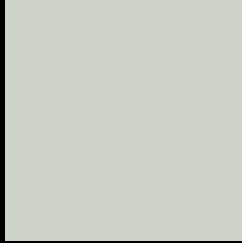
Large Text (above 18pt) WCAG AA × Fail

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 59.0291, 64.1896, 63.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

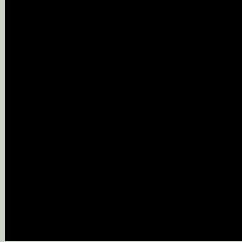
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

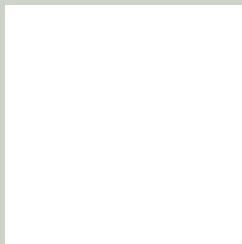
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0291, 64.1896, 63.3115

Background



This preview shows how black text looks on a background with the XYZ color 59.0291, 64.1896, 63.3115.



This preview shows how white text looks on a background with the XYZ color 59.0291, 64.1896,

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

59.0291, 64.1896, 63.3115

Protanopia

61.1974, 64.2311, 61.9957

Deuteranopia

65.2674, 63.7817, 64.1295



Tritanopia

62.4410, 64.1033, 80.3163

Trichromacy



Original Color

59.0291, 64.1896, 63.3115

Protanomaly

60.3910, 64.1675, 62.6287

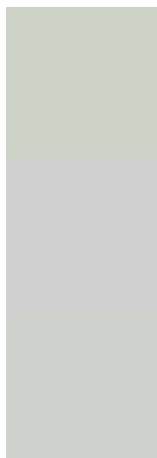
Deuteranomaly

62.9281, 64.0007, 63.6803

Tritanomaly

61.2076, 63.9687, 74.0870

Monochromacy



Original Color

59.0291, 64.1896, 63.3115

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5520, 63.2741, 66.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0291, 64.1896, 63.3115 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(205, 212, 199) looks like.

```
.text, #text, p{  
    color:rgb(205, 212, 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(205, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 212, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.0291, 64.1896, 63.3115 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(205, 212, 199) }
```


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

```
.border{ border-color:rgb(205, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 212,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0291, 64.1896, 63.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 212, 199) }
```

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

```
.background{ background-color: rgb(205,  
212, 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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