

Converting Colors

XYZ(59.9706, 64.0660, 69.4475)

Have a look what the booklet for
XYZ(59.9706, 64.0660, 69.4475)
contains.

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Color

**XYZ(59.9797, 64.1711,
69.5466)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD3D1
RGB	205, 211, 209
RGB Percent	80%, 83%, 82%
CMY	0.1961, 0.1725, 0.1804
CMYK	0.03, 0.00, 0.01, 0.17
HSL	160°, 6%, 82%
HSV	160°, 3%, 83%
XYZ	59.9797, 64.1711, 69.5466
YIQ	208.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

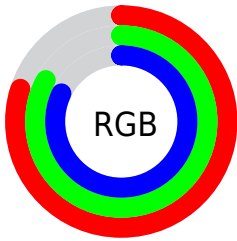
Format	Color
R _Y B	205, 209, 211
Decimal	13489105
CIE Lab	84.05, -2.40, 0.27
CIE LCh	84, 2.416, 173.637
Yxy	64.1711, 0.3097, 0.3313
Android (android.graphics.Color)	4291679185 (0xFFCDD3D1)
YUV	208.9780, 0.0108, -3.4887
Hunter-Lab	80.1069, -6.5358, 4.6008

Details

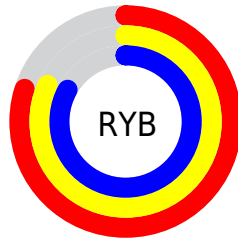
The XYZ color **59.9797, 64.1711, 69.5466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9601, 62.0181, 67.8450**, and the grayscale version is **60.5928, 63.7484, 69.4220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7359, 33.0598, 35.7716** is the 20% darker color. If you saturate the color by 10%, you get **53.6949, 61.0315, 64.8026**, and if you desaturate by 10%, it is **67.0917, 67.7363, 74.5331**.

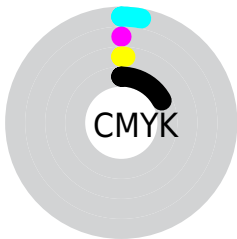
Distribution



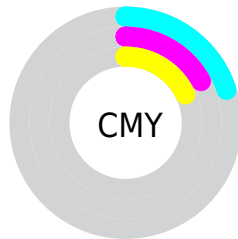
- Red (80%)
- Green (83%)
- Blue (82%)



- Red (80%)
- Yellow (82%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9797, 64.1711, 69.5466 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 59.9797, 64.1711, 69.5466 by changing the saturation by 10% instead.

■ 59.9797, 64.1711,
69.5466

■ 59.9797, 64.1711,
69.5466

414.3589,
439.8073, 477.7025

■ 43.6517, 46.7893,
50.6825

103.9067,
110.8573, 120.2370

■ 30.5935, 32.8691,
35.5810

132.2364,
140.9305, 152.9003

■ 20.4398, 22.0262,
23.8236

165.2974,
176.0029, 191.0005

■ 12.8253, 13.8761,
14.9919

203.4550,
216.4589, 234.9560

■ 7.3845, 8.0346,
8.6671

247.0746,
262.6830, 285.1854

■ 3.7522, 4.1171,
4.4309

296.5216,

■ 1.5629, 1.7393,

315.0595, 342.1073

1.8646

352.1612,
373.9727, 406.1401

■ 0.3680, 0.4489,
0.4700

■ 0.0000, 0.0000,
0.0000

■ 59.9797, 64.1711,
69.5466

■ 59.9797, 64.1711,
69.5466

■ 53.6949, 61.0315,
64.8026

■ 67.0917, 67.7363,
74.5331

■ 48.2000, 58.2929,
60.2928

■ 75.0553, 71.7342,
79.7619

■ 43.4633, 55.9408,
56.0146

■ 78.8361, 73.5712,
85.0010

■ 39.4483, 53.9565,
51.9634

■ 79.8460, 73.9752,
90.3191

■ 36.1157, 52.3198,
48.1347

■ 80.8963, 74.3953,
95.8500

■ 33.4224, 51.0085,
44.5238

■ 81.9875, 74.8318,
101.5962

■ 31.3198, 49.9976,
41.1254

■ 82.5855, 75.0710,
104.7452

■ 29.7525, 49.2586,
37.9342

■ 28.6536, 48.7572,
34.9439

Harmonies

Analogous

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



60.1710, 64.1711, 68.1454



59.9797, 64.1711, 69.5466



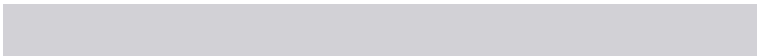
60.0585, 64.1711, 71.0550

Triad

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



59.9797, 64.1711, 69.5466



61.4046, 64.1711, 72.5953



61.6024, 64.1711, 67.5341

Complementary

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



59.9797, 64.1711, 69.5466



59.9601, 62.0181, 67.8450

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.



61.9365, 64.1711, 68.7011



59.9797, 64.1711, 69.5466



61.8218, 64.1711, 71.6263

Square

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



59.9797, 64.1711, 69.5466



60.8792, 64.1711, 72.8296



62.0171, 64.1711, 70.1972



61.1064, 64.1711, 66.9945

Rectangle

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



59.9797, 64.1711, 69.5466



60.2539, 64.1711, 71.9168



62.0171, 64.1711, 70.1972



61.7375, 64.1711, 67.8652

Sweetspot

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



59.9815, 64.1738, 69.5480



93.9813, 99.4649, 108.1364



60.0759, 64.2790, 66.9992



20.1271, 21.2952, 23.1537



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.



59.9815, 64.1738, 69.5480



91.8830, 98.4145, 106.6206



60.0081, 63.8275, 70.7884



12.7581, 13.7245, 14.8493



16.9904, 29.2891, 20.1271



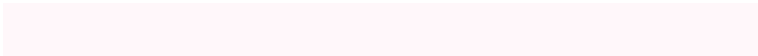
0.9860, 1.6521, 1.3151

Inverse Universe

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



59.9601, 62.0181, 67.8450



91.8480, 94.8918, 103.8377



59.9327, 62.3529, 66.6350



12.7521, 13.1158, 14.3685



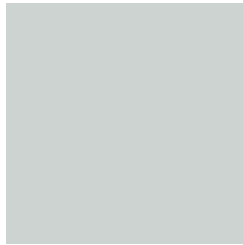
16.9302, 8.6449, 4.5386



0.9832, 0.4980, 0.4462

Previews

White Background



This preview shows how the XYZ color 59.9797, 64.1711, 69.5466 looks on a white background.

Color Contrast Check

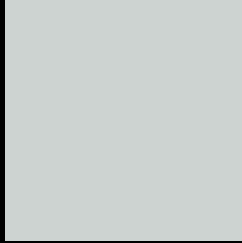
Large Text (above 18pt) WCAG AA × Fail

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 59.9797, 64.1711, 69.5466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

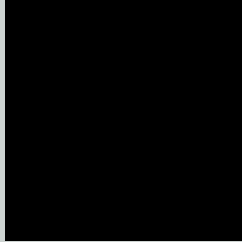
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

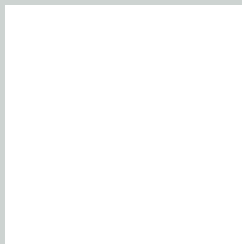
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9797, 64.1711, 69.5466

Background



This preview shows how black text looks on a background with the XYZ color 59.9797, 64.1711, 69.5466.



This preview shows how white text looks on a background with the XYZ color 59.9797, 64.1711,

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

59.9797, 64.1711, 69.5466

Protanopia

61.6726, 63.9620, 68.7699

Deuteranopia

65.4269, 64.0730, 70.5470



Tritanopia

62.4035, 64.4471, 80.3847

Trichromacy



Original Color

59.9797, 64.1711, 69.5466

Protanomaly

61.0496, 64.0039, 68.8108

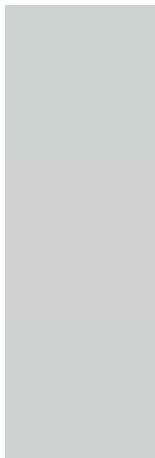
Deuteranomaly

63.2194, 64.0114, 69.9962

Tritanomaly

61.5649, 64.4731, 76.2176

Monochromacy



Original Color

59.9797, 64.1711, 69.5466

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5676, 64.1065, 69.5031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9797, 64.1711, 69.5466 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, 211, 209) looks like.

```
.text, #text, p{  
    color:rgb(205, 211, 209)  
}
```

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, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 211, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.9797, 64.1711, 69.5466 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, 211, 209) }
```


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

```
.border{ border-color:rgb(205, 211, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 211, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 211,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9797, 64.1711, 69.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 211, 209) }
```

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

```
.background{ background-color: rgb(205,  
211, 209) }
```

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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