

Converting Colors

XYZ(59.4181, 66.0982, 67.3214)

Have a look what the booklet for
XYZ(59.4181, 66.0982, 67.3214)
contains.

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Color

**XYZ(59.3855, 66.1756,
67.4008)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C7D9CD |
| RGB | 199, 217, 205 |
| RGB Percent | 78%, 85%, 80% |
| CMY | 0.2196, 0.1490, 0.1961 |
| CMYK | 0.08, 0.00, 0.06, 0.15 |
| HSL | 140°, 19%, 82% |
| HSV | 140°, 8%, 85% |
| XYZ | 59.3855, 66.1756, 67.4008 |
| YIQ | 210.2500, -6.8760, -7.5480 |

Conversions

Conversions Part 2

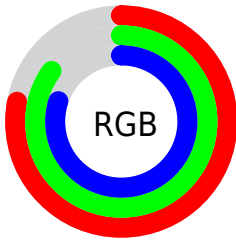
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 199, 213, 217 |
| Decimal | 13097421 |
| CIE Lab | 85.09, -8.27, 3.84 |
| CIE LCh | 85, 9.113, 155.109 |
| Yxy | 66.1756, 0.3078, 0.3429 |
| Android (android.graphics.Color) | 4291287501 (0xFFC7D9CD) |
| YUV | 210.2500, -2.5882, -9.8663 |
| Hunter-Lab | 81.3484, -12.0521, 7.8194 |

Details

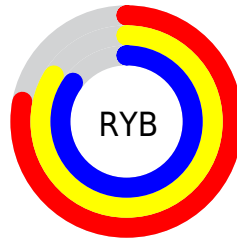
The XYZ color **59.3855, 66.1756, 67.4008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7990, 60.3034, 70.0665**, and the grayscale version is **61.4440, 64.6439, 70.3972**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1833, 34.0948, 34.2683** is the 20% darker color. If you saturate the color by 10%, you get **52.3669, 62.7518, 58.3736**, and if you desaturate by 10%, it is **67.3904, 70.0929, 77.3201**.

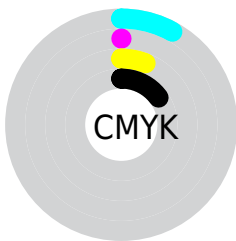
Distribution



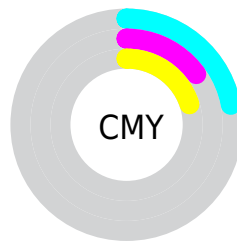
- Red (78%)
- Green (85%)
- Blue (80%)



- Red (78%)
- Yellow (84%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3855, 66.1756, 67.4008 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 59.3855, 66.1756, 67.4008 by changing the saturation by 10% instead.

■ 59.3855, 66.1756,
67.4008

■ 59.3855, 66.1756,
67.4008

412.2002,
447.0046, 469.9104

■ 43.1711, 48.4150,
48.9468

103.0492,
113.7383, 117.1406

■ 30.2145, 34.1556,
34.2120

131.2291,
144.3092, 149.2635

■ 20.1503, 23.0132,
22.7778

164.1283,
179.9190, 186.7797

■ 12.6133, 14.6032,
14.2258

202.1121,
220.9520, 230.1079

■ 7.2379, 8.5414,
8.1373

245.5458,
267.7927, 279.6665

■ 3.6590, 4.4433,
4.0939

294.7948,

■ 1.5111, 1.9245,

320.8254, 335.8741

1.6770

350.2245,
380.4346, 399.1492

■ 0.3334, 0.5630,
0.3449

■ 0.0000, 0.0000,
0.0000

■ 59.3855, 66.1756,
67.4008

■ 59.3855, 66.1756,
67.4008

■ 52.3669, 62.7518,
58.3736

■ 67.3904, 70.0929,
77.3201

■ 46.2901, 59.7935,
50.2095

■ 76.4128, 74.5138,
88.1506

■ 41.1155, 57.2827,
42.8843

■ 83.0606, 77.6908,
99.7561

■ 36.7982, 55.1967,
36.3711

■ 84.1041, 78.1082,
105.2514

■ 33.2895, 53.5111,
30.6414

■ 30.5355, 52.1987,
25.6652

■ 28.4756, 51.2288,
21.4104

■ 27.0388, 50.5656,
17.8424

■ 26.1231, 50.1572,
14.9228

Harmonies

Analogous

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



60.6553, 66.1756, 63.1978



59.3855, 66.1756, 67.4008



59.0484, 66.1756, 73.0652

Triad

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



59.3855, 66.1756, 67.4008



63.2500, 66.1756, 83.9080



66.1819, 66.1756, 65.7470

Complementary

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



59.3855, 66.1756, 67.4008



60.7990, 60.3034, 70.0665

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.



66.9112, 66.1756, 71.0521



59.3855, 66.1756, 67.4008



65.1951, 66.1756, 81.7012

Square

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



59.3855, 66.1756, 67.4008



61.2515, 66.1756, 82.8005



66.5462, 66.1756, 76.9165



64.5736, 66.1756, 62.2800

Rectangle

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



59.3855, 66.1756, 67.4008



59.3916, 66.1756, 76.9573



66.5462, 66.1756, 76.9165



66.5396, 66.1756, 67.3635

Sweetspot

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



59.3874, 66.1784, 67.4023



92.6558, 98.8284, 105.9555



62.0742, 67.6456, 63.8190



19.8572, 21.1656, 22.7098



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.



59.3874, 66.1784, 67.4023



83.6653, 94.4333, 94.7055



60.4676, 66.6105, 73.0906



13.0646, 14.6775, 14.8032



15.7788, 30.3441, 9.0003



1.0615, 1.9815, 0.7897

Inverse Universe

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



60.7990, 60.3034, 70.0665



86.1095, 84.2604, 99.3184



59.7370, 59.8786, 64.4741



13.4203, 13.1972, 15.4745



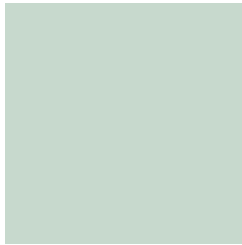
20.4520, 10.1818, 17.2919



1.3643, 0.6754, 1.3275

Previews

White Background



This preview shows how the XYZ color 59.3855, 66.1756, 67.4008 looks on a white background.

Color Contrast Check

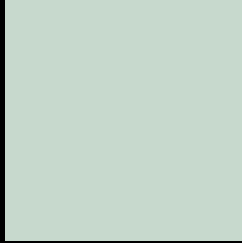
Large Text (above 18pt) WCAG AA × Fail

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 59.3855, 66.1756, 67.4008 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

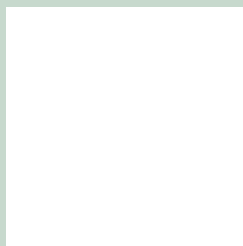
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3855, 66.1756, 67.4008

Background



This preview shows how black text looks on a background with the XYZ color 59.3855, 66.1756, 67.4008.

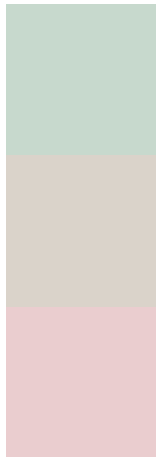


This preview shows how white text looks on a background with the XYZ color 59.3855, 66.1756,

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

59.3855, 66.1756, 67.4008

Protanopia

62.8684, 65.7582, 65.2562

Deuteranopia

67.0255, 65.6601, 68.1725



Tritanopia

62.7058, 65.9982, 84.2969

Trichromacy



Original Color

59.3855, 66.1756, 67.4008

Protanomaly

61.4377, 65.7492, 65.9527

Deuteranomaly

63.7598, 65.4293, 67.6611

Tritanomaly

61.4548, 65.8701, 77.8818

Monochromacy



Original Color

59.3855, 66.1756, 67.4008

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6330, 65.2644, 69.0761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3855, 66.1756, 67.4008 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, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 205)  
}
```

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, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.3855, 66.1756, 67.4008 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, 217, 205) }
```


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

```
.border{ border-color:rgb(199, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3855, 66.1756, 67.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 205) }
```

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

```
.background{ background-color: rgb(199,  
217, 205) }
```

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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