

Converting Colors

XYZ(60.9511, 66.1014, 68.0146)

Have a look what the booklet for
XYZ(60.9511, 66.1014, 68.0146)
contains.

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Color

**XYZ(60.8946, 66.1789,
67.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	CED7CE
RGB	206, 215, 206
RGB Percent	81%, 84%, 81%
CMY	0.1922, 0.1568, 0.1922
CMYK	0.04, 0.00, 0.04, 0.16
HSL	120°, 10%, 83%
HSV	120°, 4%, 84%
XYZ	60.8946, 66.1789, 67.9568
YIQ	211.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

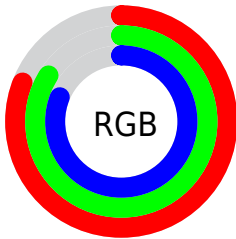
Format	Color
RYB	206, 215, 215
Decimal	13555662
CIELab	85.09, -4.68, 3.37
CIElCh	85, 5.770, 144.253
Yxy	66.1789, 0.3122, 0.3393
Android (android.graphics.Color)	4291745742 (0xFFCED7CE)
YUV	211.2830, -2.6045, -4.6332
Hunter-Lab	81.3504, -8.7476, 7.4169

Details

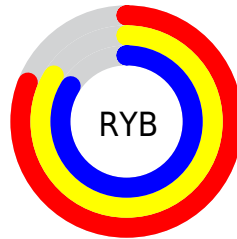
The XYZ color **60.8946, 66.1789, 67.9568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3638, 63.4976, 73.2626**, and the grayscale version is **62.1234, 65.3586, 71.1755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1872, 34.0840, 34.6409** is the 20% darker color. If you saturate the color by 10%, you get **52.8935, 62.3375, 54.8680**, and if you desaturate by 10%, it is **70.0733, 70.5898, 82.9685**.

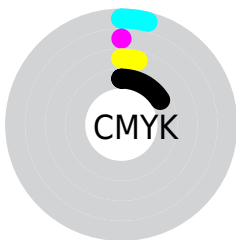
Distribution



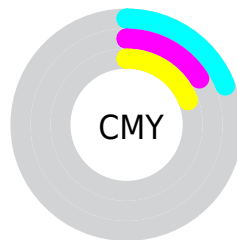
- Red (81%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (84%)



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



- Cyan (19%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8946, 66.1789, 67.9568 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 60.8946, 66.1789, 67.9568 by changing the saturation by 10% instead.

■ 60.8946, 66.1789,
67.9568

■ 60.8946, 66.1789,
67.9568

417.6695,
447.0164, 471.9368

■ 44.3923, 48.4176,
49.3961

105.2253,
113.7431, 117.9440

■ 31.1783, 34.1577,
34.5660

133.7844,
144.3148, 150.2075

■ 20.8871, 23.0148,
23.0479

167.0932,
179.9254, 187.8758

■ 13.1535, 14.6044,
14.4232

205.5170,
220.9594, 231.3674

■ 7.6121, 8.5422,
8.2735

249.4212,
267.8010, 281.1007

■ 3.8974, 4.4438,
4.1802

299.1711,

■ 1.6443, 1.9248,

320.8349, 337.4944

1.7247

355.1321,
380.4452, 400.9669

■ 0.4210, 0.5632,
0.3776

■ 0.0000, 0.0000,
0.0000

■ 60.8946, 66.1789,
67.9568

■ 60.8946, 66.1789,
67.9568

■ 52.8935, 62.3375,
54.8680

■ 70.0733, 70.5898,
82.9685

■ 46.0170, 59.0344,
43.6203

■ 80.4686, 75.5833,
99.9719

■ 40.2165, 56.2481,
34.1325

■ 83.5917, 77.0834,
105.0806

■ 35.4376, 53.9525,
26.3157

■ 31.6210, 52.1193,
20.0730

■ 28.7017, 50.7170,
15.2979

■ 26.6063, 49.7104,
11.8704

■ 25.2500, 49.0590,
9.6519

■ 24.5298, 48.7130,
8.4738

Harmonies

Analogous

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



61.8801, 66.1789, 65.7273



60.8946, 66.1789, 67.9568



60.4473, 66.1789, 71.3433

Triad

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



60.8946, 66.1789, 67.9568



62.6511, 66.1789, 79.4156



65.2071, 66.1789, 69.1576

Complementary

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



60.8946, 66.1789, 67.9568



62.3638, 63.4976, 73.2626

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.



65.4204, 66.1789, 72.7766



60.8946, 66.1789, 67.9568



63.9331, 66.1789, 78.7818

Square

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



60.8946, 66.1789, 67.9568



61.4524, 66.1789, 78.0236



64.9511, 66.1789, 76.3201



64.3723, 66.1789, 66.4037

Rectangle

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



60.8946, 66.1789, 67.9568



60.5100, 66.1789, 73.8340



64.9511, 66.1789, 76.3201



65.3543, 66.1789, 70.3099

Sweetspot

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



60.8965, 66.1817, 67.9582



93.7102, 99.3564, 106.7085



63.4683, 67.5076, 68.0785



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



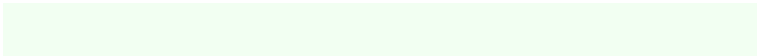
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8965, 66.1817, 67.9582



88.5285, 96.8674, 98.2329



61.4514, 66.4037, 70.8803



12.9315, 14.2174, 14.2910



14.5346, 29.0692, 4.8449



0.8767, 1.7533, 0.2922

Inverse Universe

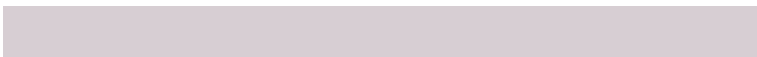
The Inverse Universe completely reimagines the original color for something new.



62.3638, 63.4976, 73.2626



91.1166, 92.1332, 107.5887



61.7931, 63.2694, 70.2573



13.3566, 13.4398, 15.8277



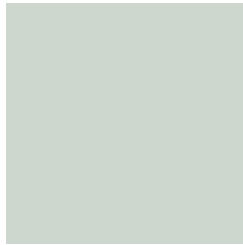
24.0981, 11.5755, 39.4160



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 60.8946, 66.1789, 67.9568 looks on a white background.

Color Contrast Check

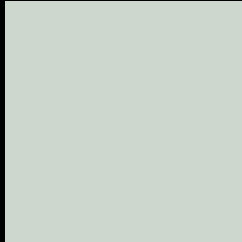
Large Text (above 18pt) WCAG AA × Fail

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 60.8946, 66.1789, 67.9568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

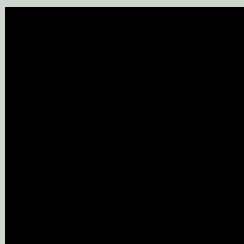
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

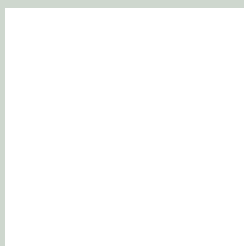
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8946, 66.1789, 67.9568

Background



This preview shows how black text looks on a background with the XYZ color 60.8946, 66.1789, 67.9568.

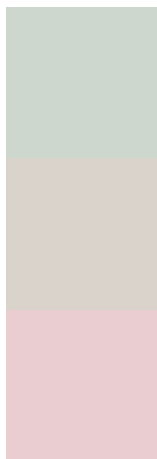


This preview shows how white text looks on a background with the XYZ color 60.8946, 66.1789,

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

60.8946, 66.1789, 67.9568

Protanopia

63.1068, 65.8536, 66.5117

Deuteranopia

67.1482, 65.7091, 68.8185



Tritanopia

64.1254, 66.3900, 82.8336

Trichromacy



Original Color

60.8946, 66.1789, 67.9568

Protanomaly

62.2945, 65.7909, 67.1732

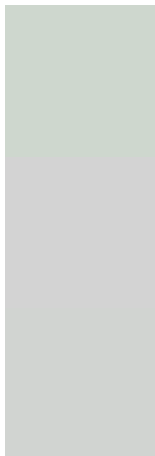
Deuteranomaly

64.8034, 65.9532, 68.3462

Tritanomaly

63.0070, 66.3111, 77.1886

Monochromacy



Original Color

60.8946, 66.1789, 67.9568

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3466, 65.2457, 69.6820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8946, 66.1789, 67.9568 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(206, 215, 206) looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 206)  
}
```

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(206, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.8946, 66.1789, 67.9568 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(206, 215, 206) }
```


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

```
.border{ border-color:rgb(206, 215, 206) }
```

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

Here you see how a box with a 4 pixel rgb(206, 215, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8946, 66.1789, 67.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 206) }
```

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

```
.background{ background-color: rgb(206,  
215, 206) }
```

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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