

Converting Colors

XYZ(60.8926, 70.8081, 59.2633)

Have a look what the booklet for
XYZ(60.8926, 70.8081, 59.2633)
contains.

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Color

**XYZ(60.8477, 70.6670,
59.1483)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE2BE
RGB	202, 226, 190
RGB Percent	79%, 89%, 75%
CMY	0.2078, 0.1137, 0.2549
CMYK	0.11, 0.00, 0.16, 0.11
HSL	100°, 38%, 82%
HSV	100°, 16%, 89%
XYZ	60.8477, 70.6670, 59.1483
YIQ	214.7200, -2.7480, -16.2840

Conversions

Conversions Part 2

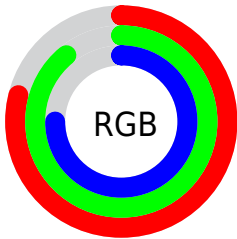
Format	Color
RYB	190, 226, 214
Decimal	13296318
CIELab	87.32, -14.43, 14.95
CIELCh	87, 20.780, 133.976
Yxy	70.6670, 0.3191, 0.3706
Android (android.graphics.Color)	4291486398 (0xFFCAE2BE)
YUV	214.7200, -12.1870, -11.1554
Hunter-Lab	84.0637, -17.9080, 17.1273

Details

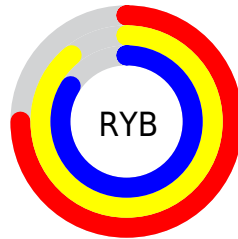
The XYZ color **60.8477, 70.6670, 59.1483** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.8755, 56.6161, 79.7275**, and the grayscale version is **64.4847, 67.8429, 73.8809**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **31.2910, 37.2279, 29.2034** is the 20% darker color. If you saturate the color by 10%, you get **54.6870, 67.7567, 46.9501**, and if you desaturate by 10%, it is **67.7935, 73.9418, 73.3856**.

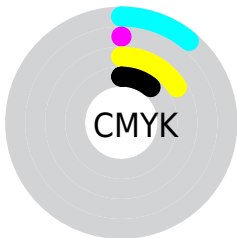
Distribution



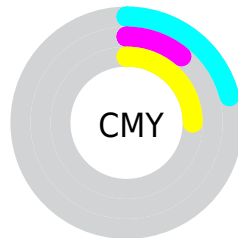
- Red (79%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8477, 70.6670, 59.1483 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 60.8477, 70.6670, 59.1483 by changing the saturation by 10% instead.

60.8477, 70.6670,
59.1483

60.8477, 70.6670,
59.1483

417.5002,
462.8885, 439.1684

44.3543, 52.0705,
42.3117

105.1578,
120.1595, 105.1244

31.1483, 37.0613,
29.0181

133.7052,
151.8242, 135.1010

20.8642, 25.2549,
18.8488

167.0013,
188.6138, 170.2947

13.1366, 16.2671,
11.3854

205.4115,
230.9126, 211.1240

7.6004, 9.7133,
6.2092

249.3011,
279.1051, 258.0075

3.8899, 5.2093,
2.9019


299.0355,


1.6401, 2.3706,


333.5757, 311.3637


1.0448


354.9801,
394.7087, 371.6112


 0.4183, 0.8107,
0.0000


 0.0000, 0.0000,
0.0000


 60.8477, 70.6670,
59.1483


 60.8477, 70.6670,
59.1483

 54.6870, 67.7567,
46.9501


 67.7935, 73.9418,
73.3856

 49.2767, 65.1891,
36.6932

 75.5459, 77.5843,
89.7446

 44.5878, 62.9533,
28.2787

 83.6783, 81.4272,
105.9144

 40.5873, 61.0346,
21.5970

 86.4878, 82.8756,
106.0459

■ 37.2390, 59.4173,
16.5270

■ 34.5031, 58.0836,
12.9321

■ 32.3347, 57.0140,
10.6527

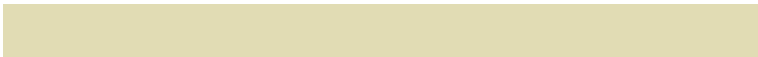
■ 30.6805, 56.1852,
9.4919

■ 30.1246, 55.9044,
9.2029

Harmonies

Analogous

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



64.9216, 70.6670, 53.6610



60.8477, 70.6670, 59.1483



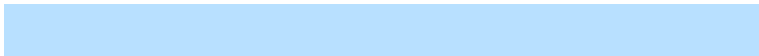
58.5294, 70.6670, 69.7484

Triad

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



60.8477, 70.6670, 59.1483



64.6049, 70.6670, 105.8350



76.7099, 70.6670, 70.6225

Complementary

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



60.8477, 70.6670, 59.1483



59.8755, 56.6161, 79.7275

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.



76.6149, 70.6670, 84.6189



60.8477, 70.6670, 59.1483



69.4633, 70.6670, 106.1432

Square

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



60.8477, 70.6670, 59.1483



60.6256, 70.6670, 97.1965



73.9091, 70.6670, 97.9936



74.1625, 70.6670, 59.7210

Rectangle

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



60.8477, 70.6670, 59.1483



58.2173, 70.6670, 78.8267



73.9091, 70.6670, 97.9936



76.9896, 70.6670, 75.0922

Sweetspot

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



60.8496, 70.6700, 59.1498



90.0060, 97.6291, 98.3019



64.7078, 67.9826, 58.4278



19.1179, 20.8275, 20.7341



0.0000, 0.0000, 0.0000



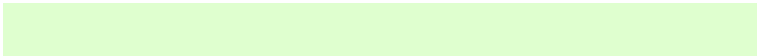
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8496, 70.6700, 59.1498



77.3057, 91.6429, 72.3579



58.3976, 69.3286, 62.5299



13.9570, 15.5580, 14.5742



17.2978, 31.9499, 5.2553



1.2917, 2.2624, 0.3686

Inverse Universe

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



59.8755, 56.6161, 79.7275



75.8009, 69.9530, 104.1149



62.6984, 58.1649, 75.6358



13.8280, 13.6949, 17.3022



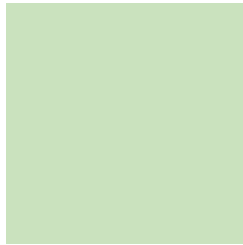
15.2095, 6.9361, 41.5855



1.1480, 0.5291, 2.8869

Previews

White Background



This preview shows how the XYZ color 60.8477, 70.6670, 59.1483 looks on a white background.

Color Contrast Check

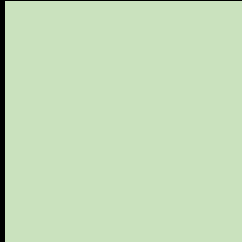
Large Text (above 18pt) WCAG AA × Fail

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 60.8477, 70.6670, 59.1483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

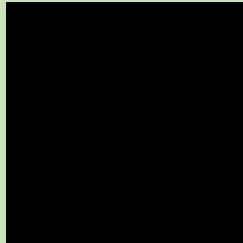
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

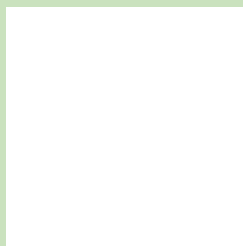
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8477, 70.6670, 59.1483

Background



This preview shows how black text looks on a background with the XYZ color 60.8477, 70.6670, 59.1483.

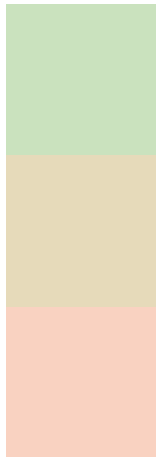


This preview shows how white text looks on a background with the XYZ color 60.8477, 70.6670,

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

60.8477, 70.6670, 59.1483

Protanopia

66.5675, 70.5110, 56.5559

Deuteranopia

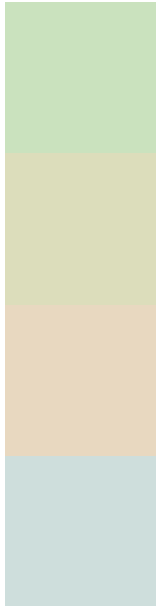
71.7392, 70.0832, 60.1984



Tritanopia

66.9121, 70.3328, 90.1697

Trichromacy



Original Color

60.8477, 70.6670, 59.1483

Protanomaly

64.3413, 70.5164, 57.2336

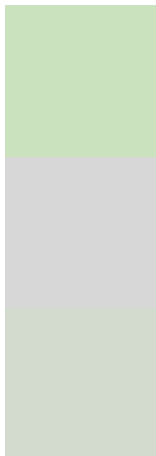
Deuteranomaly

67.3490, 70.0733, 59.8450

Tritanomaly

64.4931, 70.5317, 77.9250

Monochromacy



Original Color

60.8477, 70.6670, 59.1483

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.0504, 68.8209, 68.3532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8477, 70.6670, 59.1483 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(202, 226, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 226, 190)  
}
```

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(202, 226, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 226, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.8477, 70.6670, 59.1483 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(202, 226, 190) }
```


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

```
.border{ border-color:rgb(202, 226, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 226, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 226, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 226, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 226,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8477, 70.6670, 59.1483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 226, 190) }
```

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

```
.background{ background-color: rgb(202,  
226, 190) }
```

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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