

Converting Colors

XYZ(60.5061, 79.1015, 46.5243)

Have a look what the booklet for
XYZ(60.5061, 79.1015, 46.5243)
contains.

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Color

**XYZ(60.4985, 78.8963,
46.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF5A3
RGB	190, 245, 163
RGB Percent	75%, 96%, 64%
CMY	0.2549, 0.0392, 0.3608
CMYK	0.22, 0.00, 0.33, 0.04
HSL	100°, 80%, 80%
HSV	100°, 33%, 96%
XYZ	60.4985, 78.8963, 46.6902
YIQ	219.2070, -6.4580, -37.1620

Conversions

Conversions Part 2

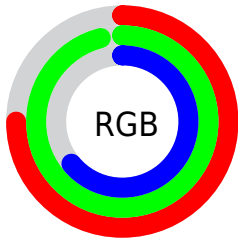
Format	Color
RYB	163, 245, 218
Decimal	12514723
CIELab	91.19, -31.91, 33.99
CIELCh	91, 46.622, 133.195
Yxy	78.8963, 0.3251, 0.4240
Android (android.graphics.Color)	4290704803 (0xFFBEF5A3)
YUV	219.2070, -27.7101, -25.6145
Hunter-Lab	88.8236, -33.8634, 31.0107

Details

The XYZ color **60.4985, 78.8963, 46.6902** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58.4953, 47.6946, 92.5134**, and the grayscale version is **67.6670, 71.1910, 77.5269**.

A 20% lighter version of the original color is **86.7727, 96.3561, 80.3548**, and **30.7894, 42.2431, 21.2828** is the 20% darker color. If you saturate the color by 10%, you get **54.6371, 76.1066, 36.0461**, and if you desaturate by 10%, it is **67.2521, 82.1016, 59.5991**.

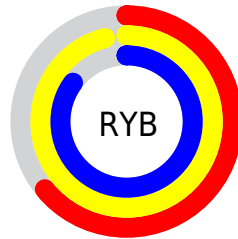
Distribution



Red (75%)

Green (96%)

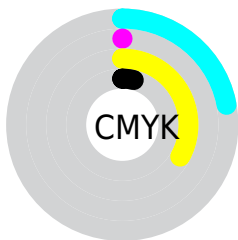
Blue (64%)



Red (64%)

Yellow (96%)

Blue (85%)

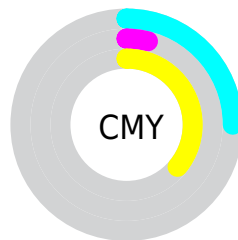


Cyan (22%)

Magenta (0%)

Yellow (33%)

Black (4%)



Cyan (25%)


Magenta (4%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4985, 78.8963, 46.6902 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 60.4985, 78.8963, 46.6902 by changing the saturation by 10% instead.


 60.4985, 78.8963,
46.6902


 60.4985, 78.8963,
46.6902

416.2382,
491.2055, 389.9345

 44.0716, 58.8106,
32.4382


 104.6547,
131.8129, 86.5961

 30.9249, 42.4606,
21.4289


 133.1147,
165.4125, 113.0872

 20.6932, 29.4621,
13.2436


166.3164,
204.2855, 144.4950

 13.0111, 19.4307,
7.4638

204.6251,
248.8163, 181.2381

 7.5133, 11.9819,
3.6710

248.4064,
299.3893, 223.7351

 3.8343, 6.7314,
1.4466


298.0254,


 1.6088, 3.2947,


356.3889, 272.4044


0.1777


353.8475,
420.1995, 327.6647


 0.3981, 1.2874,
0.0000


 0.0000, 0.1314,
0.0000


 60.4985, 78.8963,
46.6902


 60.4985, 78.8963,
46.6902

 54.6371, 76.1066,
36.0461

 67.2521, 82.1016,
59.5991


 49.6219, 73.7044,
27.5310

 74.9292, 85.7288,
74.8878

 45.4116, 71.6741,
21.0029

 83.5667, 89.7970,
92.6695

 41.9587, 69.9945,
16.2999

 91.9440, 93.7880,
107.8647

■ 39.2093, 68.6422,
13.2351

■ 37.1011, 67.5898,
11.5809

■ 36.0187, 67.0426,
11.0421

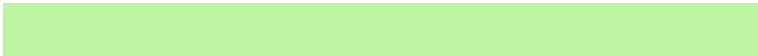
Harmonies

Analogous

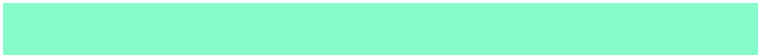
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9250, 78.8963, 36.8808



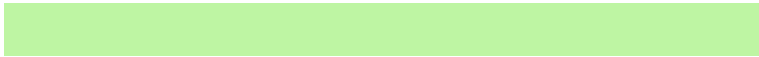
60.4985, 78.8963, 46.6902



55.2886, 78.8963, 68.4459

Triad

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



60.4985, 78.8963, 46.6902



68.6151, 78.8963, 164.3830



99.3328, 78.8963, 71.9020

Complementary

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



60.4985, 78.8963, 46.6902



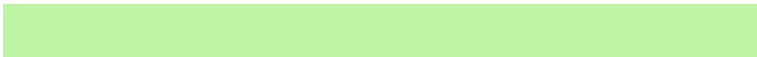
58.4953, 47.6946, 92.5134

Split Complementary

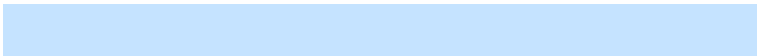
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.8871, 78.8963, 106.1052



60.4985, 78.8963, 46.6902



80.2909, 78.8963, 166.0219

Square

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



60.4985, 78.8963, 46.6902



59.6265, 78.8963, 138.5328



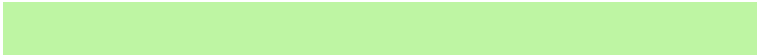
91.6252, 78.8963, 142.5530



92.7856, 78.8963, 48.6453

Rectangle

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



60.4985, 78.8963, 46.6902



54.5297, 78.8963, 89.5797



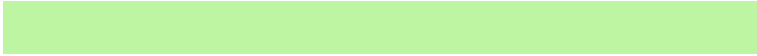
91.6252, 78.8963, 142.5530



100.0147, 78.8963, 82.3315

Sweetspot

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



60.5005, 78.8997, 46.6919



85.1976, 95.3642, 88.4120



69.2553, 72.0302, 44.9045



17.9579, 20.2809, 18.3558



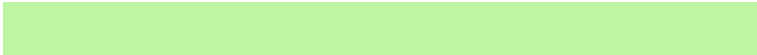
0.0000, 0.0000, 0.0000



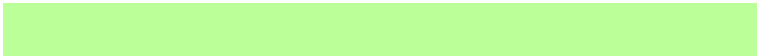
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5005, 78.8997, 46.6919



61.9012, 84.3321, 43.1522



55.6617, 76.2560, 53.2077



16.7961, 18.7369, 17.5289



19.5328, 36.1823, 5.9544



1.8207, 3.2337, 0.5282

Inverse Universe

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



58.4953, 47.6946, 92.5134



59.3874, 45.4403, 100.2485



65.2273, 51.3973, 82.3348



16.6525, 16.4790, 20.8457



17.3162, 7.9012, 47.1504



1.6300, 0.7502, 4.1491

Previews

White Background



This preview shows how the XYZ color 60.4985, 78.8963, 46.6902 looks on a white background.

Color Contrast Check

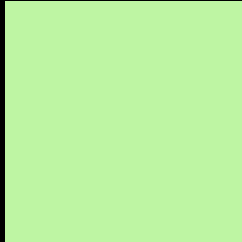
Large Text (above 18pt) WCAG AA × Fail

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 60.4985, 78.8963, 46.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

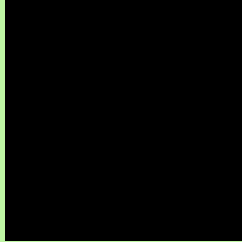
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4985, 78.8963, 46.6902

Background



This preview shows how black text looks on a background with the XYZ color 60.4985, 78.8963, 46.6902.

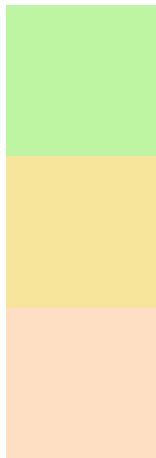


This preview shows how white text looks on a background with the XYZ color 60.4985, 78.8963,

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

60.4985, 78.8963, 46.6902

Protanopia

72.7315, 78.3954, 42.7510

Deuteranopia

77.5915, 78.0209, 63.1946



Tritanopia

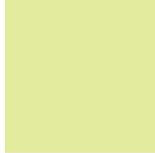
71.8953, 78.7113, 103.4990

Trichromacy



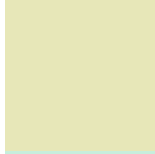
Original Color

60.4985, 78.8963, 46.6902



Protanomaly

67.6449, 78.2508, 44.3395



Deuteranomaly

70.1826, 77.6014, 56.6270



Tritanomaly

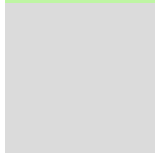
67.0460, 78.4585, 79.3205

Monochromacy



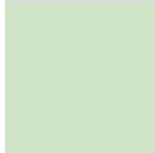
Original Color

60.4985, 78.8963, 46.6902



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.0646, 73.0202, 64.7506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4985, 78.8963, 46.6902 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(190, 245, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 245, 163)  
}
```

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(190, 245, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 245, 163) }
```

Border

The CSS property to change the border of an element to XYZ 60.4985, 78.8963, 46.6902 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(190, 245, 163) }
```


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

```
.border{ border-color:rgb(190, 245, 163) }
```

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

Here you see how a box with a 4 pixel rgb(190, 245, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 245, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 245, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 245,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4985, 78.8963, 46.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 245, 163) }
```

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

```
.background{ background-color: rgb(190,  
245, 163) }
```

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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