

Converting Colors

XYZ(57.5150, 75.5895, 46.0162)

Have a look what the booklet for
XYZ(57.5150, 75.5895, 46.0162)
contains.

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Color

**XYZ(57.5946, 75.6222,
46.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	B7F1A3
RGB	183, 241, 163
RGB Percent	72%, 95%, 64%
CMY	0.2823, 0.0549, 0.3608
CMYK	0.24, 0.00, 0.32, 0.05
HSL	105°, 74%, 79%
HSV	105°, 32%, 95%
XYZ	57.5946, 75.6222, 46.2113
YIQ	214.7660, -9.5300, -36.5540

Conversions

Conversions Part 2

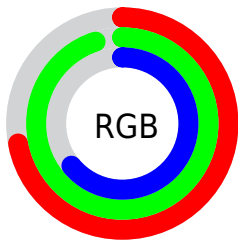
Format	Color
RYB	163, 241, 221
Decimal	12054947
CIELab	89.68, -32.43, 31.91
CIELCh	90, 45.495, 135.456
Yxy	75.6222, 0.3210, 0.4215
Android (android.graphics.Color)	4290245027 (0xFFB7F1A3)
YUV	214.7660, -25.5206, -27.8588
Hunter-Lab	86.9610, -33.9606, 29.3659

Details

The XYZ color **57.5946, 75.6222, 46.2113** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58.7964, 47.9196, 89.3736**, and the grayscale version is **64.6065, 67.9710, 74.0204**.

A 20% lighter version of the original color is **84.3501, 95.1072, 80.2415**, and **29.1203, 40.4348, 21.3088** is the 20% darker color. If you saturate the color by 10%, you get **51.6434, 72.7827, 35.7151**, and if you desaturate by 10%, it is **64.5040, 78.9127, 58.9034**.

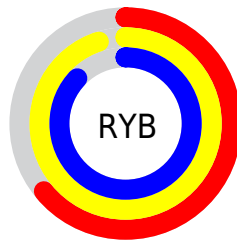
Distribution



Red (72%)

Green (95%)

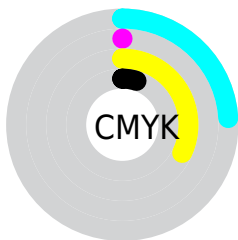
Blue (64%)



Red (64%)

Yellow (95%)

Blue (87%)

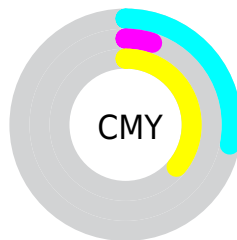


Cyan (24%)

Magenta (0%)

Yellow (32%)

Black (5%)



Cyan (28%)

Magenta (5%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5946, 75.6222, 46.2113 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 57.5946, 75.6222, 46.2113 by changing the saturation by 10% instead.

■ 57.5946, 75.6222,
46.2113

■ 57.5946, 75.6222,
46.2113

405.6519,
480.0534, 387.9597

■ 41.7248, 56.1228,
32.0627

■ 100.4586,
127.1927, 85.8727

■ 29.0760, 40.3014,
21.1442

■ 128.1836,
160.0326, 112.2227

■ 19.2829, 27.7736,
13.0372

160.5910,
198.0881, 143.4769

■ 11.9801, 18.1551,
7.3231

198.0462,
241.7436, 180.0538

■ 6.8022, 11.0614,
3.5835

240.9145,
291.3835, 222.3720

■ 3.3840, 6.1081,
1.3998


289.5613,

■ 1.3599, 2.9109,


347.3921, 270.8500


0.1415


344.3520,
410.1540, 325.9064


 0.2274, 1.0854,
0.0000


 0.0000, 0.0000,
0.0000


 57.5946, 75.6222,
46.2113


 57.5946, 75.6222,
46.2113


 51.6434, 72.7827,
35.7151


 64.5040, 78.9127,
58.9034


 46.6008, 70.3645,
27.2854

 72.4067, 82.6629,
73.9011

 42.4214, 68.3495,
20.7869

 81.3430, 86.8936,
91.3126

 39.0532, 66.7140,
16.0663

 90.6318, 91.3343,
107.4602

■ 36.4378, 65.4321,
12.9469

■ 90.7468, 91.3936,
107.4656

■ 34.5080, 64.4736,
11.2154

■ 33.4302, 63.9310,
10.5780

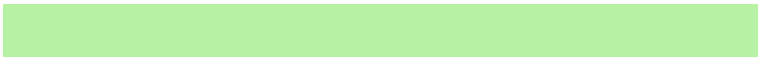
Harmonies

Analogous

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



66.2889, 75.6222, 36.0522



57.5946, 75.6222, 46.2113



52.9814, 75.6222, 67.8022

Triad

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



57.5946, 75.6222, 46.2113



66.6030, 75.6222, 157.6301



94.6955, 75.6222, 66.9726

Complementary

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



57.5946, 75.6222, 46.2113



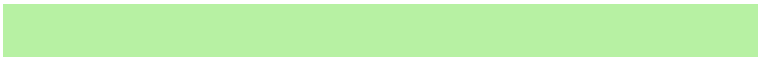
58.7964, 47.9196, 89.3736

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.



94.8022, 75.6222, 98.8196



57.5946, 75.6222, 46.2113



77.7699, 75.6222, 157.2388

Square

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



57.5946, 75.6222, 46.2113



57.8039, 75.6222, 134.5833



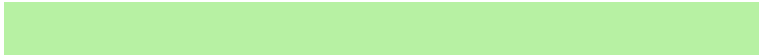
88.3437, 75.6222, 133.6225



88.0659, 75.6222, 45.7406

Rectangle

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



57.5946, 75.6222, 46.2113



52.4994, 75.6222, 88.3442



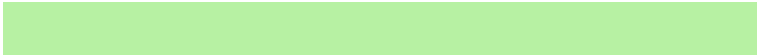
88.3437, 75.6222, 133.6225



95.5166, 75.6222, 76.6136

Sweetspot

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



57.5965, 75.6254, 46.2130



84.5774, 95.0444, 88.3830



68.5353, 72.6399, 45.0601



17.8087, 20.2040, 18.3488



0.0000, 0.0000, 0.0000



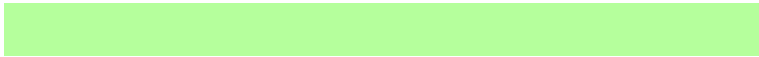
20.3446, 21.4041, 23.3091

Same Dimension

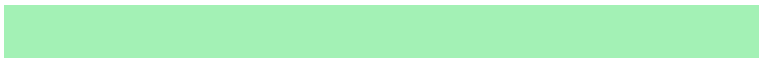
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5965, 75.6254, 46.2130



60.7898, 83.7345, 44.2115



54.9229, 74.0449, 55.2227



15.9457, 17.8522, 16.7551



18.2331, 34.7211, 5.7409



1.6061, 2.9345, 0.4818

Inverse Universe

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



58.7964, 47.9196, 89.3736



62.3369, 47.5870, 100.5074



62.6679, 50.2141, 76.0632



16.0356, 15.8156, 19.9292



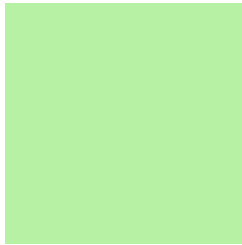
18.8492, 8.7225, 45.8180



1.6596, 0.7728, 3.8159

Previews

White Background



This preview shows how the XYZ color 57.5946, 75.6222, 46.2113 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 57.5946, 75.6222, 46.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

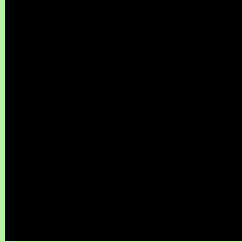
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5946, 75.6222, 46.2113

Background



This preview shows how black text looks on a background with the XYZ color 57.5946, 75.6222, 46.2113.

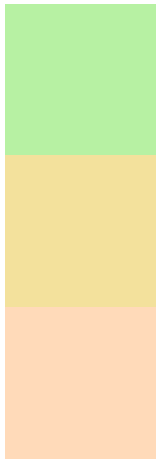


This preview shows how white text looks on a background with the XYZ color 57.5946, 75.6222,

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

57.5946, 75.6222, 46.2113

Protanopia

69.8881, 75.3054, 42.3044

Deuteranopia

75.0684, 74.9056, 56.4006



Tritanopia

68.4217, 75.3035, 100.5514

Trichromacy



Original Color

57.5946, 75.6222, 46.2113



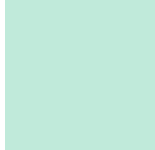
Protanomaly

64.6527, 75.0272, 43.8750



Deuteranomaly

67.4453, 74.2251, 52.3671



Tritanomaly

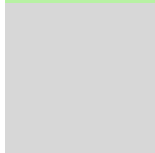
63.8159, 75.1141, 77.4647

Monochromacy



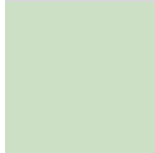
Original Color

57.5946, 75.6222, 46.2113



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.2481, 69.9933, 62.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5946, 75.6222, 46.2113 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(183, 241, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 241, 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(183, 241, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 241, 163) }
```

Border

The CSS property to change the border of an element to XYZ 57.5946, 75.6222, 46.2113 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(183, 241, 163) }
```


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

```
.border{ border-color:rgb(183, 241, 163) }
```

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

Here you see how a box with a 4 pixel rgb(183, 241, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 241, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 241, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 241,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5946, 75.6222, 46.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 241, 163) }
```

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

```
.background{ background-color: rgb(183,  
241, 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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