

Converting Colors

XYZ(58.6293, 80.7416, 43.9466)

Have a look what the booklet for
XYZ(58.6293, 80.7416, 43.9466)
contains.

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Color

**XYZ(58.6294, 80.7418,
43.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FB9C
RGB	177, 251, 156
RGB Percent	69%, 98%, 61%
CMY	0.3059, 0.0157, 0.3882
CMYK	0.29, 0.00, 0.38, 0.02
HSL	107°, 92%, 80%
HSV	107°, 38%, 98%
XYZ	58.6294, 80.7418, 43.9471
YIQ	218.0440, -13.6090, -45.2330

Conversions

Conversions Part 2

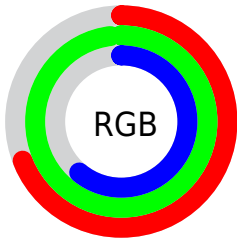
Format	Color
RYB	156, 251, 230
Decimal	11664284
CIELab	92.02, -39.96, 38.43
CIElCh	92, 55.443, 136.119
Yxy	80.7418, 0.3198, 0.4404
Android (android.graphics.Color)	4289854364 (0xFFB1FB9C)
YUV	218.0440, -30.5877, -35.9956
Hunter-Lab	89.8564, -40.7814, 33.9019

Details

The XYZ color **58.6294, 80.7418, 43.9471** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61.9378, 47.5674, 97.1881**, and the grayscale version is **66.8838, 70.3669, 76.6296**.

A 20% lighter version of the original color is **81.7788, 93.8853, 75.4395**, and **29.7660, 43.7004, 19.6982** is the 20% darker color. If you saturate the color by 10%, you get **52.5812, 77.8470, 33.6926**, and if you desaturate by 10%, it is **65.7591, 84.1482, 56.5480**.

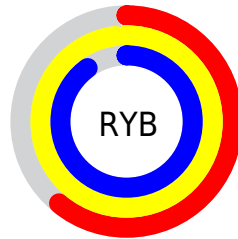
Distribution



Red (69%)

Green (98%)

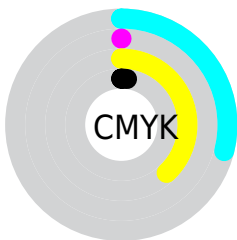
Blue (61%)



Red (61%)

Yellow (98%)

Blue (90%)

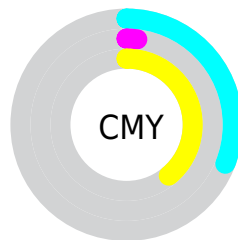


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (2%)



Cyan (31%)


Magenta (2%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6294, 80.7418, 43.9471 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 58.6294, 80.7418, 43.9471 by changing the saturation by 10% instead.


 58.6294, 80.7418,
43.9471


 58.6294, 80.7418,
43.9471


409.4433,
497.4292, 378.5274

 42.5601, 60.3290,
30.2920


 101.9566,
134.4082, 82.4398

 29.7331, 43.6838,
19.8064


 129.9451,
168.4305, 108.1144

 19.7832, 30.4220,
12.0717


162.6374,
207.7581, 138.6327

 12.3449, 20.1591,
6.6694

200.3989,
252.7754, 174.4132

 7.0529, 12.5108,
3.1809

243.5949,
303.8667, 215.8743

 3.5418, 7.0925,
1.1877

292.5907,

 1.4463, 3.5200,

361.4166, 263.4347

0.0000

347.7517,
425.8093, 317.5129

0.2889, 1.4089,
0.0000

0.0000, 0.2233,
0.0000

58.6294, 80.7418,
43.9471

58.6294, 80.7418,
43.9471

52.5812, 77.8470,
33.6926

65.7591, 84.1482,
56.5480

47.5540, 75.4285,
25.6344

74.0144, 88.0789,
71.6223

43.4907, 73.4629,
19.6135

83.4445, 92.5589,
89.2945

40.3256, 71.9201,
15.4470

93.7888, 97.4777,
108.4796

■ 37.9838, 70.7664,
12.9194

■ 36.3729, 69.9604,
11.7417

■ 36.1007, 69.8235,
11.5746

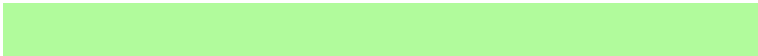
Harmonies

Analogous

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



69.3801, 80.7418, 32.0000



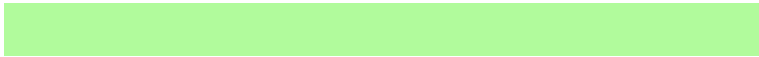
58.6294, 80.7418, 43.9471



53.0856, 80.7418, 70.3902

Triad

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



58.6294, 80.7418, 43.9471



70.3514, 80.7418, 188.2903



106.2089, 80.7418, 67.8675

Complementary

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



58.6294, 80.7418, 43.9471



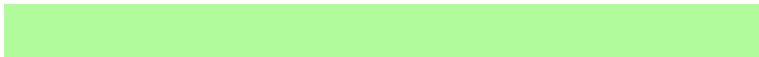
61.9378, 47.5674, 97.1881

Split Complementary

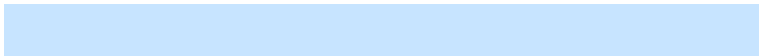
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.5534, 80.7418, 108.1288



58.6294, 80.7418, 43.9471



84.6085, 80.7418, 186.9749

Square

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



58.6294, 80.7418, 43.9471



59.2643, 80.7418, 157.5200



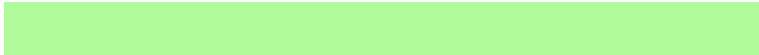
98.2481, 80.7418, 154.3436



97.3583, 80.7418, 42.5957

Rectangle

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



58.6294, 80.7418, 43.9471



52.5831, 80.7418, 96.5515



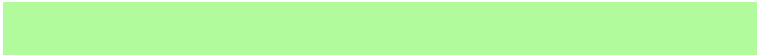
98.2481, 80.7418, 154.3436



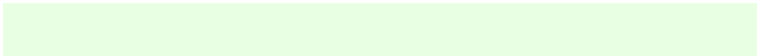
107.3575, 80.7418, 79.8078

Sweetspot

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



58.6314, 80.7453, 43.9489



83.2714, 94.4121, 86.4714



73.7611, 78.8596, 42.7875



17.5355, 20.0713, 17.9672



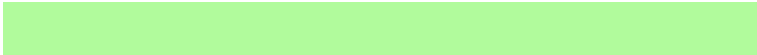
0.0000, 0.0000, 0.0000



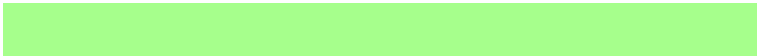
20.3446, 21.4041, 23.3091

Same Dimension

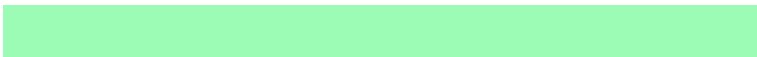
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.6314, 80.7453, 43.9489



56.1569, 81.4860, 37.6763



56.5847, 79.4159, 56.2439



17.3761, 19.4941, 18.3093



19.0761, 36.7524, 6.0885



1.8533, 3.4485, 0.5679

Inverse Universe

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



61.9378, 47.5674, 97.1881



59.9815, 42.8124, 99.7100



65.3569, 49.7610, 77.8754



17.5957, 17.3197, 21.8009



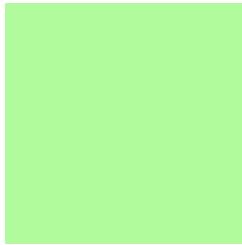
21.1840, 9.8635, 48.7609



2.0513, 0.9595, 4.5203

Previews

White Background



This preview shows how the XYZ color 58.6294, 80.7418, 43.9471 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 58.6294, 80.7418, 43.9471 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

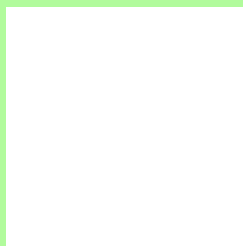
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6294, 80.7418, 43.9471

Background



This preview shows how black text looks on a background with the XYZ color 58.6294, 80.7418, 43.9471.



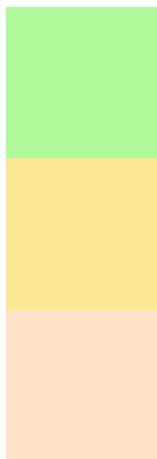
This preview shows how white text looks on a background with the XYZ color 58.6294, 80.7418,

43.9471.

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

58.6294, 80.7418, 43.9471

Protanopia

74.0661, 79.9854, 39.5520

Deuteranopia

78.7452, 79.7762, 65.2809



Tritanopia

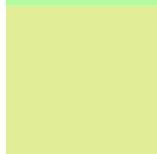
72.1777, 80.5112, 106.3438

Trichromacy



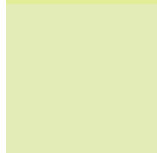
Original Color

58.6294, 80.7418, 43.9471



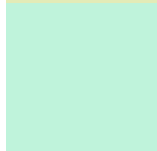
Protanomaly

67.2118, 79.3910, 41.0597



Deuteranomaly

69.9341, 79.1665, 56.3945



Tritanomaly

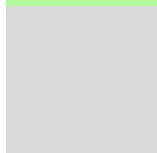
66.3226, 80.2920, 79.0202

Monochromacy



Original Color

58.6294, 80.7418, 43.9471



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.7757, 73.2303, 62.4560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6294, 80.7418, 43.9471 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(177, 251, 156)` looks like.

```
.text, #text, p{  
    color:rgb(177, 251, 156)  
}
```

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(177, 251, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 251, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.6294, 80.7418, 43.9471 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(177, 251, 156) }
```


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

```
.border{ border-color:rgb(177, 251, 156) }
```

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

Here you see how a box with a 4 pixel rgb(177, 251, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 251, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 251, 156);  
box-shadow:4px 4px 4px 4px rgb(177, 251,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6294, 80.7418, 43.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 251, 156) }
```

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

```
.background{ background-color: rgb(177,  
251, 156) }
```

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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