

Converting Colors

XYZ(56.9060, 77.9489, 39.6394)

Have a look what the booklet for
XYZ(56.9060, 77.9489, 39.6394)
contains.

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Color

**XYZ(57.1176, 78.2118,
39.6897)**

Conversions

Conversions Part 1

Format	Color
Hex	B3F793
RGB	179, 247, 147
RGB Percent	70%, 97%, 58%
CMY	0.2980, 0.0314, 0.4235
CMYK	0.28, 0.00, 0.40, 0.03
HSL	101°, 86%, 77%
HSV	101°, 40%, 97%
XYZ	57.1176, 78.2118, 39.6897
YIQ	215.2680, -8.4280, -45.5160

Conversions

Conversions Part 2

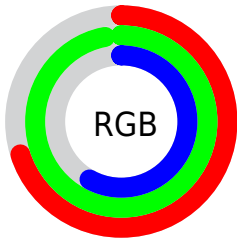
Format	Color
RYB	147, 247, 215
Decimal	11794323
CIELab	90.88, -38.74, 41.40
CIElCh	91, 56.698, 133.096
Yxy	78.2118, 0.3264, 0.4469
Android (android.graphics.Color)	4289984403 (0xFFB3F793)
YUV	215.2680, -33.6561, -31.8070
Hunter-Lab	88.4374, -39.4807, 35.2975

Details

The XYZ color **57.1176, 78.2118, 39.6897** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **55.2500, 42.0322, 93.2010**, and the grayscale version is **64.9998, 68.3848, 74.4711**.

A 20% lighter version of the original color is **81.3457, 93.7888, 69.6928**, and **28.7912, 41.9382, 17.4039** is the 20% darker color. If you saturate the color by 10%, you get **51.7356, 75.6401, 30.3839**, and if you desaturate by 10%, it is **63.3926, 81.2005, 51.2126**.

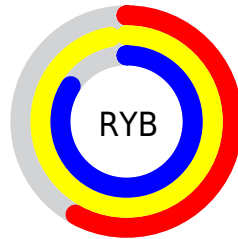
Distribution



Red (70%)

Green (97%)

Blue (58%)



Red (58%)

Yellow (97%)

Blue (84%)

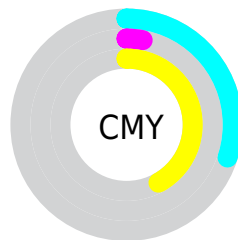


Cyan (28%)

Magenta (0%)

Yellow (40%)

Black (3%)



Cyan (30%)


Magenta (3%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1176, 78.2118, 39.6897 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 57.1176, 78.2118, 39.6897 by changing the saturation by 10% instead.


 57.1176, 78.2118,
39.6897


 57.1176, 78.2118,
39.6897


403.8969,
488.8858, 360.3271

 41.3402, 58.2480,
26.9847


 99.7671, 130.8487,
75.9227

 28.7738, 42.0080,
17.3294


 127.3699,
164.2905, 100.2878

 19.0532, 29.1076,
10.3052


159.6453,
202.9938, 129.3767

 11.8130, 19.1622,
5.4935

196.9584,
247.3429, 163.6079

 6.6877, 11.7876,
2.4759

239.6748,
297.7223, 203.4001

 3.3122, 6.5992,
0.8273

288.1598,

 1.3209, 3.2127,

354.5163, 249.1716

0.0000

342.7787,
418.1093, 301.3411

■ 0.1988, 1.2438,
0.0000

■ 0.0000, 0.0970,
0.0000

■ 57.1176, 78.2118,
39.6897

■ 57.1176, 78.2118,
39.6897

■ 51.7356, 75.6401,
30.3839

■ 63.3926, 81.2005,
51.2126

■ 47.1970, 73.4558,
23.1478

■ 70.5954, 84.6143,
65.0773

■ 43.4557, 71.6410,
17.8239

■ 78.7657, 88.4733,
81.4052

■ 40.4582, 70.1722,
14.2303

■ 87.9393, 92.7936,
100.3079

■ 38.1429, 69.0223,
12.1494

■ 92.5524, 95.0047,
108.0675

■ 36.4897, 68.1885,
11.2385

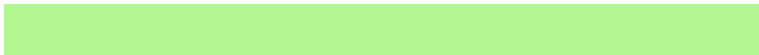
Harmonies

Analogous

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



68.2904, 78.2118, 29.2486



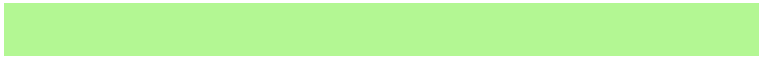
57.1176, 78.2118, 39.6897



51.0472, 78.2118, 64.2868

Triad

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



57.1176, 78.2118, 39.6897



66.6393, 78.2118, 184.6869



104.4047, 78.2118, 68.5605

Complementary

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



57.1176, 78.2118, 39.6897



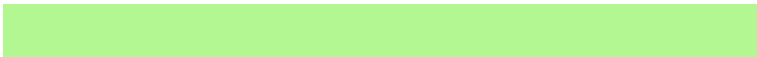
55.2500, 42.0322, 93.2010

Split Complementary

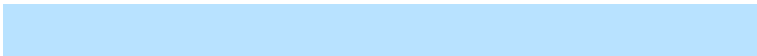
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.8139, 78.2118, 110.1217



57.1176, 78.2118, 39.6897



80.7324, 78.2118, 186.9609

Square

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



57.1176, 78.2118, 39.6897



56.0427, 78.2118, 150.9486



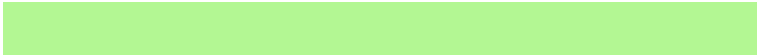
94.7122, 78.2118, 156.4223



96.2358, 78.2118, 41.9513

Rectangle

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



57.1176, 78.2118, 39.6897



50.1606, 78.2118, 89.4764



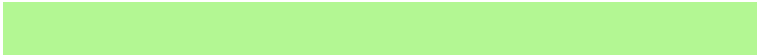
94.7122, 78.2118, 156.4223



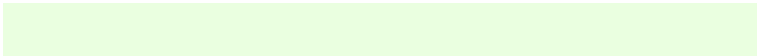
105.2521, 78.2118, 80.9835

Sweetspot

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



57.1196, 78.2152, 39.6914



83.2633, 94.4483, 84.6477



67.5897, 69.8086, 37.5169



17.5674, 20.0958, 17.6051



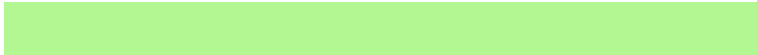
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.1196, 78.2152, 39.6914



56.3767, 81.6825, 33.9316



51.9665, 75.3965, 46.7799



16.7813, 18.7293, 17.5282



19.4277, 36.1281, 5.9495



1.8101, 3.2282, 0.5277

Inverse Universe

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



55.2500, 42.0322, 93.2010



54.0694, 37.6486, 99.0249



63.1242, 46.3756, 80.7365



16.6680, 16.4870, 20.8464



17.5700, 8.0320, 47.1623



1.6509, 0.7609, 4.1501

Previews

White Background



This preview shows how the XYZ color 57.1176, 78.2118, 39.6897 looks on a white background.

Color Contrast Check

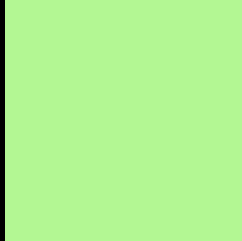
Large Text (above 18pt) WCAG AA × Fail

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 57.1176, 78.2118, 39.6897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

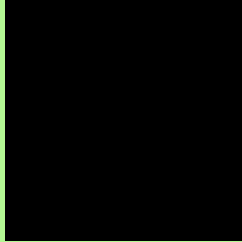
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

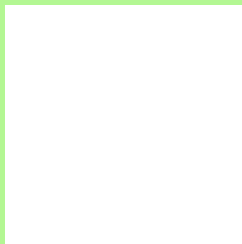
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1176, 78.2118, 39.6897

Background



This preview shows how black text looks on a background with the XYZ color 57.1176, 78.2118, 39.6897.

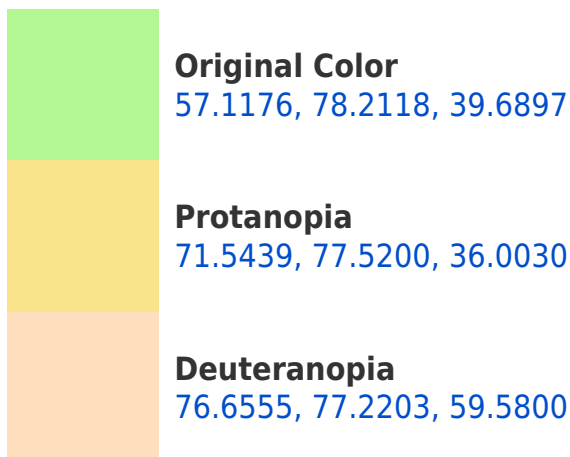


This preview shows how white text looks on a background with the XYZ color 57.1176, 78.2118,

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





Tritanopia

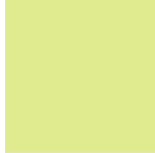
69.9174, 77.6732, 104.2359

Trichromacy



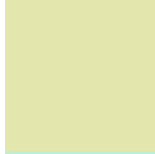
Original Color

57.1176, 78.2118, 39.6897



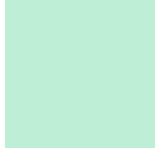
Protanomaly

65.4067, 77.2471, 37.4495



Deuteranomaly

67.8944, 76.5387, 51.2394



Tritanomaly

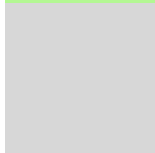
64.2393, 77.5352, 75.1983

Monochromacy



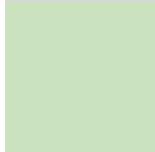
Original Color

57.1176, 78.2118, 39.6897



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.1205, 71.2124, 59.2392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1176, 78.2118, 39.6897 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(179, 247, 147)` looks like.

```
.text, #text, p{  
    color:rgb(179, 247, 147)  
}
```

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(179, 247, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 247, 147) }
```

Border

The CSS property to change the border of an element to XYZ 57.1176, 78.2118, 39.6897 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(179, 247, 147) }
```


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

```
.border{ border-color:rgb(179, 247, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 247, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 247, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 247, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 247,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1176, 78.2118, 39.6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 247, 147) }
```

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

```
.background{ background-color: rgb(179,  
247, 147) }
```

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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