

Converting Colors

XYZ(57.1279, 77.8540, 35.1518)

Have a look what the booklet for
XYZ(57.1279, 77.8540, 35.1518)
contains.

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Color

**XYZ(57.1669, 77.8795,
35.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F688
RGB	184, 246, 136
RGB Percent	72%, 96%, 53%
CMY	0.2784, 0.0353, 0.4667
CMYK	0.25, 0.00, 0.45, 0.04
HSL	94°, 86%, 75%
HSV	94°, 45%, 96%
XYZ	57.1669, 77.8795, 35.3118
YIQ	214.9220, -1.6420, -47.3540

Conversions

Conversions Part 2

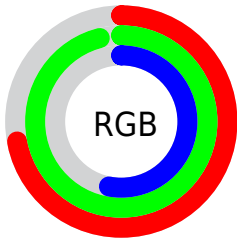
Format	Color
RYB	136, 246, 198
Decimal	12121736
CIELab	90.72, -37.96, 46.60
CIELCh	91, 60.105, 129.169
Yxy	77.8795, 0.3356, 0.4572
Android (android.graphics.Color)	4290311816 (0xFFB8F688)
YUV	214.9220, -38.9085, -27.1186
Hunter-Lab	88.2494, -38.8062, 38.0505

Details

The XYZ color **57.1669, 77.8795, 35.3118** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **48.7308, 36.2702, 91.6256**, and the grayscale version is **64.7962, 68.1707, 74.2379**.

A 20% lighter version of the original color is **81.7819, 94.1588, 63.1543**, and **28.6999, 41.6245, 14.9092** is the 20% darker color. If you saturate the color by 10%, you get **52.4554, 75.6324, 26.9892**, and if you desaturate by 10%, it is **62.6092, 80.4618, 45.7661**.

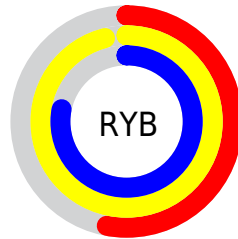
Distribution



Red (72%)

Green (96%)

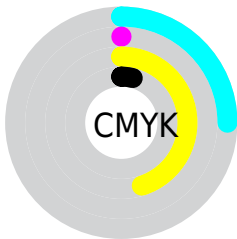
Blue (53%)



Red (53%)

Yellow (96%)

Blue (78%)

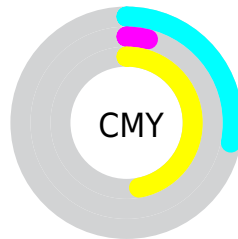


Cyan (25%)

Magenta (0%)

Yellow (45%)

Black (4%)



Cyan (28%)


Magenta (4%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1669, 77.8795, 35.3118 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 57.1669, 77.8795, 35.3118 by changing the saturation by 10% instead.


 57.1669, 77.8795,
35.3118

 57.1669, 77.8795,
35.3118


404.0785,
487.7575, 340.8884


 41.3799, 57.9750,
23.6177


 99.8386, 130.3802,
69.1256

 28.8050, 41.7885,
14.8407


 127.4541,
163.7453, 92.0823

 19.0769, 28.9358,
8.5623


 159.7431,
202.3659, 119.6303

 11.8302, 19.0322,
4.3639

197.0710,
246.6266, 152.1881

 6.6995, 11.6936,
1.8270

239.8031,
296.9117, 190.1743

 3.3196, 6.5354,
0.4457

288.3048,

 1.3249, 3.1733,

353.6056, 234.0074

0.0000

342.9415,
417.0928, 284.1059

■ 0.2018, 1.2229,
0.0000

■ 0.0000, 0.0802,
0.0000

■ 57.1669, 77.8795,
35.3118

■ 57.1669, 77.8795,
35.3118

■ 52.4554, 75.6324,
26.9892

■ 62.6092, 80.4618,
45.7661

■ 48.4317, 73.6943,
20.6463


■ 68.8106, 83.3837,
58.4800


■ 45.0566, 72.0511,
16.1190


■ 75.8047, 86.6624,
73.5775

■ 42.2835, 70.6829,
13.2147

■ 83.6214, 90.3107,
91.1719

 40.0566, 69.5662,
11.6972

 91.6369, 94.0801,
107.9372

 39.0617, 69.0617,
11.2715

 92.2474, 94.3948,
107.9658

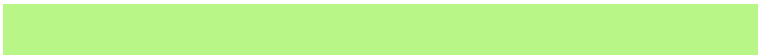
Harmonies

Analogous

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



69.4943, 77.8795, 26.3734



57.1669, 77.8795, 35.3118



50.0808, 77.8795, 58.5470

Triad

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



57.1669, 77.8795, 35.3118



64.1761, 77.8795, 188.5851



106.5198, 77.8795, 72.2338

Complementary

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



57.1669, 77.8795, 35.3118



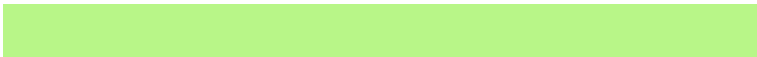
48.7308, 36.2702, 91.6256

Split Complementary

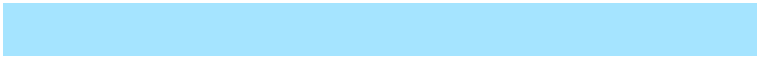
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.5867, 77.8795, 117.9131



57.1669, 77.8795, 35.3118



78.7424, 77.8795, 196.1291

Square

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



57.1669, 77.8795, 35.3118



53.7291, 77.8795, 148.8545



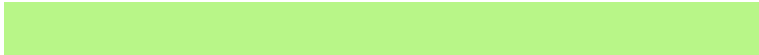
93.9020, 77.8795, 166.9129



98.8725, 77.8795, 42.3968

Rectangle

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



57.1669, 77.8795, 35.3118



48.6356, 77.8795, 83.5980



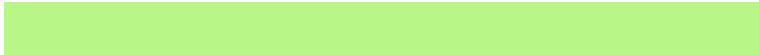
93.9020, 77.8795, 166.9129



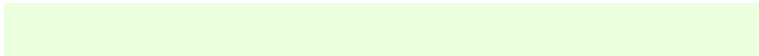
106.9891, 77.8795, 86.0085

Sweetspot

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



57.1688, 77.8829, 35.3135



83.6212, 94.6726, 82.8682



62.3060, 61.0793, 31.7993



17.5158, 20.0849, 16.8911



0.0000, 0.0000, 0.0000



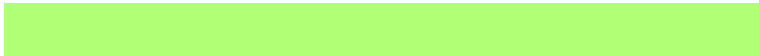
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1688, 77.8829, 35.3135



57.2073, 82.2035, 29.7740



47.9565, 73.0874, 36.9758



16.9682, 18.8257, 17.5370



21.0030, 36.9402, 6.0232



1.9617, 3.3063, 0.5348

Inverse Universe

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



48.7308, 36.2702, 91.6256



46.9306, 31.6037, 98.2344



62.6159, 43.5243, 87.9330



16.4750, 16.3875, 20.8373



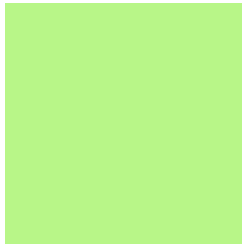
14.6960, 6.5504, 47.0278



1.4095, 0.6365, 4.1388

Previews

White Background



This preview shows how the XYZ color 57.1669, 77.8795, 35.3118 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 57.1669, 77.8795, 35.3118 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 57.1669, 77.8795, 35.3118

Background



This preview shows how black text looks on a background with the XYZ color 57.1669, 77.8795, 35.3118.

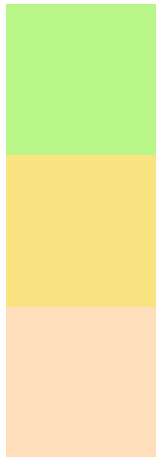


This preview shows how white text looks on a background with the XYZ color 57.1669, 77.8795,

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

57.1669, 77.8795, 35.3118

Protanopia

71.1302, 77.3958, 31.9588

Deuteranopia

76.3309, 77.0904, 57.8706



Tritanopia

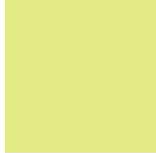
70.6389, 77.6604, 102.5337

Trichromacy



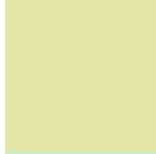
Original Color

57.1669, 77.8795, 35.3118



Protanomaly

65.2372, 77.2514, 33.3024



Deuteranomaly

67.9569, 76.6370, 48.2565



Tritanomaly

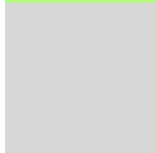
64.5888, 77.3546, 71.8483

Monochromacy



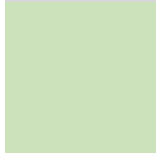
Original Color

57.1669, 77.8795, 35.3118



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.9611, 70.7753, 56.9024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1669, 77.8795, 35.3118 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(184, 246, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 246, 136)  
}
```

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(184, 246, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 246, 136) }
```

Border

The CSS property to change the border of an element to XYZ 57.1669, 77.8795, 35.3118 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(184, 246, 136) }
```


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

```
.border{ border-color:rgb(184, 246, 136) }
```

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

Here you see how a box with a 4 pixel rgb(184, 246, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 246, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 246, 136);  
box-shadow:4px 4px 4px 4px rgb(184, 246,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1669, 77.8795, 35.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 246, 136) }
```

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

```
.background{ background-color: rgb(184,  
246, 136) }
```

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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