

Converting Colors

XYZ(57.1202, 77.7898, 34.5016)

Have a look what the booklet for
XYZ(57.1202, 77.7898, 34.5016)
contains.

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Color

**XYZ(57.2664, 77.9471,
34.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F686
RGB	185, 246, 134
RGB Percent	73%, 96%, 53%
CMY	0.2745, 0.0353, 0.4745
CMYK	0.25, 0.00, 0.46, 0.04
HSL	93°, 86%, 75%
HSV	93°, 46%, 96%
XYZ	57.2664, 77.9471, 34.5813
YIQ	214.9930, -0.4040, -47.7640

Conversions

Conversions Part 2

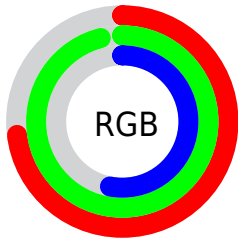
Format	Color
RYB	134, 246, 195
Decimal	12187270
CIELab	90.76, -37.85, 47.61
CIELCh	91, 60.820, 128.488
Yxy	77.9471, 0.3373, 0.4591
Android (android.graphics.Color)	4290377350 (0xFFB9F686)
YUV	214.9930, -39.9295, -26.3039
Hunter-Lab	88.2877, -38.7222, 38.5781

Details

The XYZ color **57.2664, 77.9471, 34.5813** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.6688, 35.3085, 91.4960**, and the grayscale version is **64.8505, 68.2277, 74.3000**.

A 20% lighter version of the original color is **81.9075, 94.2488, 62.0190**, and **28.7361, 41.6564, 14.3105** is the 20% darker color. If you saturate the color by 10%, you get **52.6652, 75.7532, 26.4280**, and if you desaturate by 10%, it is **62.5752, 80.4645, 44.8540**.

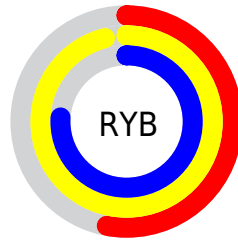
Distribution



Red (73%)

Green (96%)

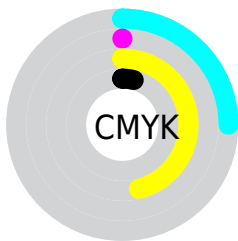
Blue (53%)



Red (53%)

Yellow (96%)

Blue (76%)

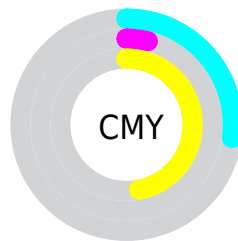


Cyan (25%)

Magenta (0%)

Yellow (46%)

Black (4%)



Cyan (27%)


Magenta (4%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2664, 77.9471, 34.5813 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 57.2664, 77.9471, 34.5813 by changing the saturation by 10% instead.


 57.2664, 77.9471,
34.5813

 57.2664, 77.9471,
34.5813


404.4449,
487.9872, 337.5643


 41.4601, 58.0305,
23.0596


 99.9829, 130.4755,
67.9808

 28.8681, 41.8332,
14.4318


 127.6239,
163.8562, 90.6957

 19.1248, 28.9707,
8.2794


 159.9404,
202.4937, 117.9787

 11.8650, 19.0587,
4.1839

197.2980,
246.7724, 150.2483

 6.7234, 11.7127,
1.7268

240.0618,
297.0767, 187.9231

 3.3345, 6.5483,
0.3790

288.5974,

 1.3330, 3.1813,

353.7910, 231.4217

0.0000

343.2699,
417.2997, 281.1626

■ 0.2077, 1.2271,
0.0000

■ 0.0000, 0.0837,
0.0000

■ 57.2664, 77.9471,
34.5813

■ 57.2664, 77.9471,
34.5813

■ 52.6652, 75.7532,
26.4280

■ 62.5752, 80.4645,
44.8540

■ 48.7294, 73.8571,
20.2407

■ 68.6194, 83.3095,
57.3750


■ 45.4205, 72.2450,
15.8537

■ 75.4318, 86.4988,
72.2689

■ 42.6923, 70.8973,
13.0717

■ 83.0415, 90.0449,
89.6498

 40.4894, 69.7908,
11.6536

 91.1513, 93.8298,
107.9145

 39.6409, 69.3604,
11.2986

 92.2474, 94.3949,
107.9658

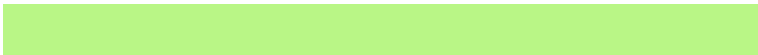
Harmonies

Analogous

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



69.8344, 77.9471, 25.8919



57.2664, 77.9471, 34.5813



49.9789, 77.9471, 57.6071

Triad

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



57.2664, 77.9471, 34.5813



63.8277, 77.9471, 189.6712



107.1051, 77.9471, 73.0488

Complementary

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



57.2664, 77.9471, 34.5813



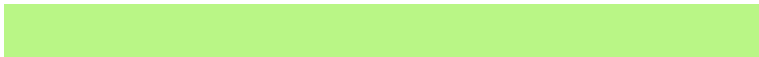
47.6688, 35.3085, 91.4960

Split Complementary

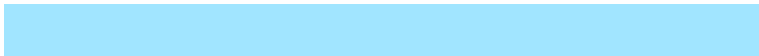
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.9153, 77.9471, 119.6116



57.2664, 77.9471, 34.5813



78.5076, 77.9471, 198.2398

Square

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



57.2664, 77.9471, 34.5813



53.3889, 77.9471, 148.7370



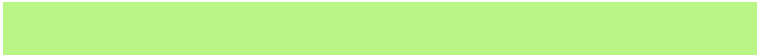
93.9142, 77.9471, 169.2265



99.5417, 77.9471, 42.5405

Rectangle

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



57.2664, 77.9471, 34.5813



48.4291, 77.9471, 82.6704



93.9142, 77.9471, 169.2265



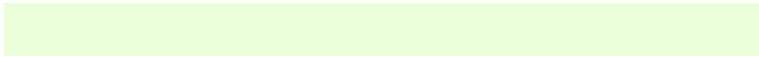
107.5040, 77.9471, 87.1106

Sweetspot

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



57.2683, 77.9505, 34.5830



83.0302, 94.4071, 81.0713



61.5447, 59.7821, 30.8507



17.4084, 20.0373, 16.5381



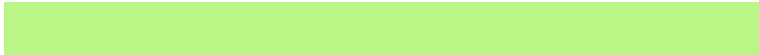
0.0000, 0.0000, 0.0000



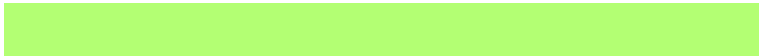
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2683, 77.9505, 34.5830



57.3402, 82.2892, 29.0056



47.3578, 72.8108, 35.5027



16.9990, 18.8415, 17.5384



21.3149, 37.1010, 6.0378



1.9903, 3.3211, 0.5361

Inverse Universe

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



47.6688, 35.3085, 91.4960



45.6737, 30.5192, 98.0913



62.6014, 43.0721, 89.2331



16.4438, 16.3714, 20.8359



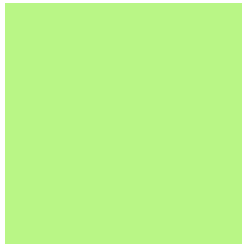
14.2898, 6.3410, 47.0088



1.3743, 0.6184, 4.1372

Previews

White Background



This preview shows how the XYZ color 57.2664, 77.9471, 34.5813 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 57.2664, 77.9471, 34.5813 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

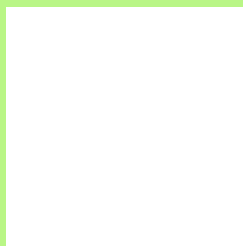
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2664, 77.9471, 34.5813

Background



This preview shows how black text looks on a background with the XYZ color 57.2664, 77.9471, 34.5813.

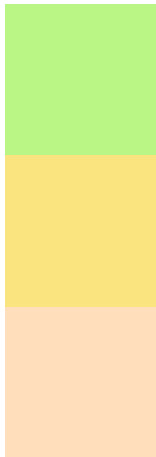


This preview shows how white text looks on a background with the XYZ color 57.2664, 77.9471,

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

57.2664, 77.9471, 34.5813

Protanopia

70.9985, 77.3431, 31.2654

Deuteranopia

76.3309, 77.0904, 57.8706



Tritanopia

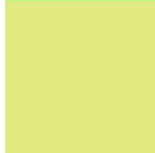
70.9086, 77.7994, 102.5463

Trichromacy



Original Color

57.2664, 77.9471, 34.5813



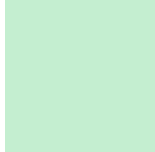
Protanomaly

65.1016, 77.1971, 32.5884



Deuteranomaly

68.2769, 76.8020, 48.2715



Tritanomaly

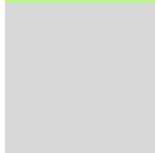
64.7247, 77.4389, 71.2104

Monochromacy



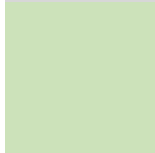
Original Color

57.2664, 77.9471, 34.5813



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 57.2664, 77.9471, 34.5813 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(185, 246, 134)` looks like.

```
.text, #text, p{  
    color:rgb(185, 246, 134)  
}
```

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(185, 246, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 246, 134) }
```

Border

The CSS property to change the border of an element to XYZ 57.2664, 77.9471, 34.5813 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(185, 246, 134) }
```


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

```
.border{ border-color:rgb(185, 246, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 246, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 246, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 246, 134);  
box-shadow:4px 4px 4px 4px rgb(185, 246,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2664, 77.9471, 34.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 246, 134) }
```

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

```
.background{ background-color: rgb(185,  
246, 134) }
```

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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