

Converting Colors

XYZ(66.6224, 86.5249, 54.2639)

Have a look what the booklet for
XYZ(66.6224, 86.5249, 54.2639)
contains.

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Color

**XYZ(66.6224, 86.5249,
54.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFB0
RGB	197, 255, 176
RGB Percent	77%, 100%, 69%
CMY	0.2274, 0.0000, 0.3098
CMYK	0.23, 0.00, 0.31, 0.00
HSL	104°, 100%, 85%
HSV	104°, 31%, 100%
XYZ	66.6224, 86.5249, 54.2639
YIQ	228.6520, -9.2090, -36.8650

Conversions

Conversions Part 2

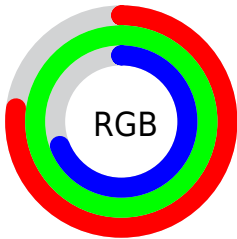
Format	Color
RYB	176, 255, 234
Decimal	12976048
CIELab	94.54, -32.30, 32.01
CIElCh	95, 45.475, 135.255
Yxy	86.5249, 0.3212, 0.4172
Android (android.graphics.Color)	4291166128 (0xFFC5FFB0)
YUV	228.6520, -25.9574, -27.7588
Hunter-Lab	93.0188, -34.9366, 30.5254

Details

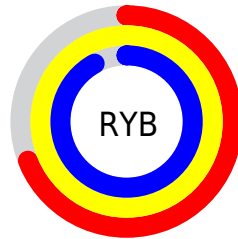
The XYZ color **66.6224, 86.5249, 54.2639** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67.5081, 55.7644, 101.8133**, and the grayscale version is **74.4094, 78.2845, 85.2519**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **34.9246, 47.5690, 26.0799** is the 20% darker color. If you saturate the color by 10%, you get **59.7297, 83.2362, 41.9849**, and if you desaturate by 10%, it is **74.5988, 90.3174, 69.0700**.

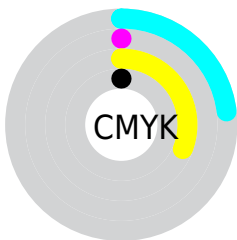
Distribution



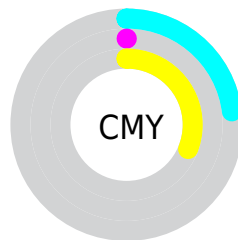
- Red (77%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6224, 86.5249, 54.2639 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 66.6224, 86.5249, 54.2639 by changing the saturation by 10% instead.


 66.6224, 86.5249,
54.2639

 66.6224, 86.5249,
54.2639


438.0531,
516.6604, 420.3186

 49.0474, 65.1021,
38.4181


 113.4320,
142.5017, 97.9219

 34.8718, 47.5439,
26.0030


143.3972,
177.8246, 126.5712

 23.7302, 33.4658,
16.6001


178.2233,
218.5496, 160.3254

 15.2572, 22.4835,
9.7908

218.2755,
265.0611, 199.6030

 9.0876, 14.2126,
5.1567

263.9193,
317.7435, 244.8226

 4.8559, 8.2687,
2.2792

315.5199,

 2.1969, 4.2674,

376.9813, 296.4027

0.7195

373.4427,
443.1588, 354.7618

0.7411, 1.8242,
0.0000

0.0000, 0.5022,
0.0000

66.6224, 86.5249,
54.2639

66.6224, 86.5249,
54.2639

59.7297, 83.2362,
41.9849

74.5988, 90.3174,
69.0700

53.8706, 80.4287,
32.0879

83.7033, 94.6339,
86.5294

48.9927, 78.0788,
24.4193

93.9791, 99.4941,
106.7646

45.0382, 76.1603,
18.8057

95.0500, 100.0000,
108.9000

■ 41.9424, 74.6443,
15.0482

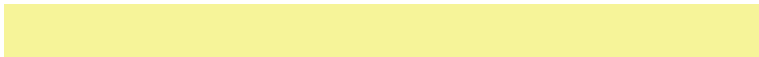
■ 39.6310, 73.4977,
12.9085

■ 38.1287, 72.7411,
12.0309

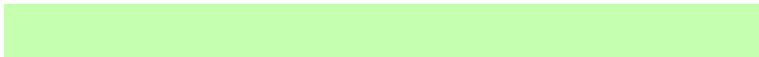
Harmonies

Analogous

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



76.1977, 86.5249, 42.9755



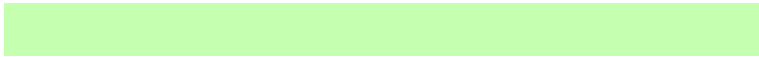
66.6224, 86.5249, 54.2639



61.5038, 86.5249, 78.0673

Triad

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



66.6224, 86.5249, 54.2639



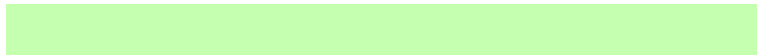
76.3902, 86.5249, 175.6382



107.1141, 86.5249, 77.5571

Complementary

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



66.6224, 86.5249, 54.2639



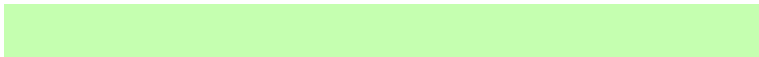
67.5081, 55.7644, 101.8133

Split Complementary

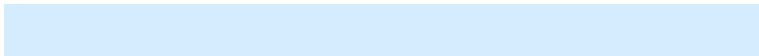
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.1788, 86.5249, 112.4394



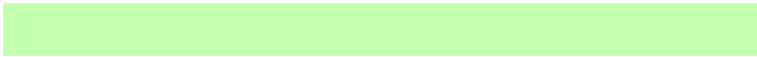
66.6224, 86.5249, 54.2639



88.5921, 86.5249, 175.4030

Square

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



66.6224, 86.5249, 54.2639



66.7512, 86.5249, 150.6867



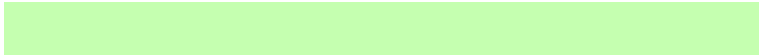
100.1238, 86.5249, 150.1071



99.9550, 86.5249, 53.9707

Rectangle

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



66.6224, 86.5249, 54.2639



60.9481, 86.5249, 100.5236



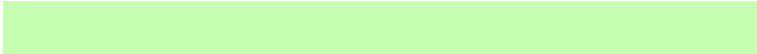
100.1238, 86.5249, 150.1071



107.9880, 86.5249, 88.1682

Sweetspot

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



66.6229, 86.5251, 54.2652



85.6430, 95.5522, 90.3107



78.4808, 83.2027, 52.9989



18.0250, 20.3072, 18.7330



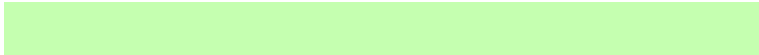
0.0000, 0.0000, 0.0000



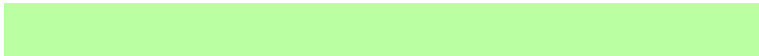
20.3446, 21.4041, 23.3091

Same Dimension

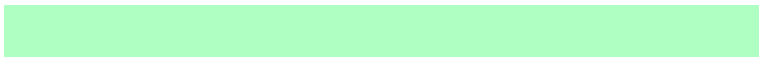
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6229, 86.5251, 54.2652



62.3461, 84.4861, 46.5781



63.4516, 84.6650, 64.2933



18.2244, 20.4016, 19.1217



20.0424, 38.0703, 6.2920



2.0495, 3.7573, 0.6172

Inverse Universe

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



67.5081, 55.7644, 101.8133



63.3416, 49.3975, 100.8039



71.9887, 58.4008, 87.2679



18.2939, 18.0433, 22.7685



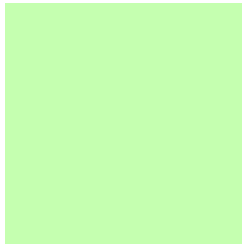
20.3166, 9.3841, 50.1751



2.0816, 0.9670, 4.8902

Previews

White Background



This preview shows how the XYZ color 66.6224, 86.5249, 54.2639 looks on a white background.

Color Contrast Check

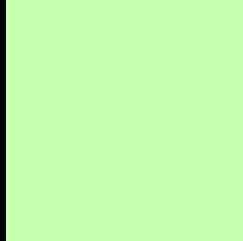
Large Text (above 18pt) WCAG AA × Fail

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 66.6224, 86.5249, 54.2639 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

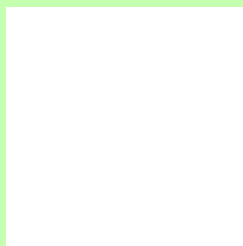
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6224, 86.5249, 54.2639

Background



This preview shows how black text looks on a background with the XYZ color 66.6224, 86.5249, 54.2639.

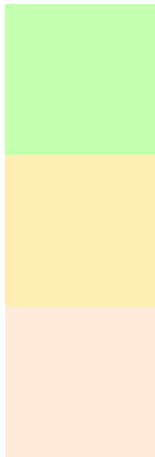


This preview shows how white text looks on a background with the XYZ color 66.6224, 86.5249,

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

66.6224, 86.5249, 54.2639

Protanopia

79.9512, 85.6637, 54.9687

Deuteranopia

83.8666, 85.8440, 79.8594



Tritanopia

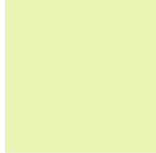
79.6209, 86.0964, 107.0295

Trichromacy



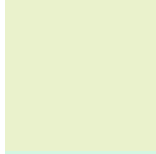
Original Color

66.6224, 86.5249, 54.2639



Protanomaly

74.3182, 85.4081, 54.6879



Deuteranomaly

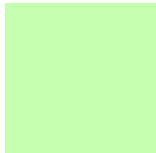
76.5829, 85.3563, 69.5658



Tritanomaly

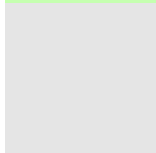
74.1396, 86.0096, 84.6454

Monochromacy



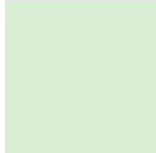
Original Color

66.6224, 86.5249, 54.2639



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

70.8227, 80.5539, 72.7885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6224, 86.5249, 54.2639 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(197, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 176)  
}
```

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(197, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 66.6224, 86.5249, 54.2639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

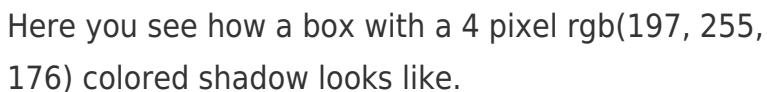
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 176) }
```


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

```
.border{ border-color:rgb(197, 255, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 255, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 255, 176); box-shadow:4px 4px 4px 4px rgb(197, 255, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6224, 86.5249, 54.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 176) }
```

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

```
.background{ background-color: rgb(197,  
255, 176) }
```

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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