

Converting Colors

XYZ(65.2659, 86.3599, 30.0595)

Have a look what the booklet for
XYZ(65.2659, 86.3599, 30.0595)
contains.

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Color

**XYZ(65.2654, 86.3597,
30.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FF75
RGB	209, 255, 117
RGB Percent	82%, 100%, 46%
CMY	0.1804, 0.0000, 0.5412
CMYK	0.18, 0.00, 0.54, 0.00
HSL	80°, 100%, 73%
HSV	80°, 54%, 100%
XYZ	65.2654, 86.3597, 30.0589
YIQ	225.5140, 16.8820, -52.6700

Conversions

Conversions Part 2

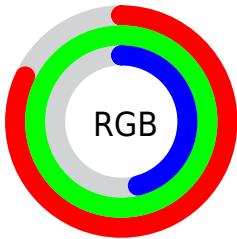
Format	Color
RYB	117, 255, 163
Decimal	13762421
CIELab	94.47, -35.03, 60.23
CIELCh	94, 69.678, 120.183
Yxy	86.3597, 0.3592, 0.4753
Android (android.graphics.Color)	4291952501 (0xFFD1FF75)
YUV	225.5140, -53.4974, -14.4828
Hunter-Lab	92.9299, -37.2654, 45.8731

Details

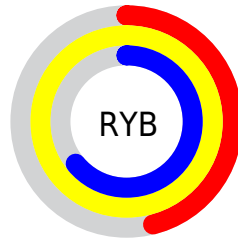
The XYZ color **65.2654, 86.3597, 30.0589** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **39.5169, 27.7305, 97.8775**, and the grayscale version is **72.3026, 76.0680, 82.8380**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **34.0125, 47.4114, 11.9161** is the 20% darker color. If you saturate the color by 10%, you get **61.6232, 84.6323, 23.0997**, and if you desaturate by 10%, it is **69.4446, 88.3166, 39.1768**.

Distribution



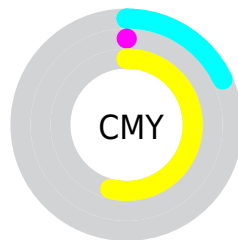
- Red (82%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (64%)



- Cyan (18%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2654, 86.3597, 30.0589 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 65.2654, 86.3597, 30.0589 by changing the saturation by 10% instead.


 65.2654, 86.3597,
30.0589


 65.2654, 86.3597,
30.0589


433.2752,
516.1165, 316.3948


 47.9418, 64.9655,
19.6309


 111.4949,
142.2713, 60.8174

 33.9919, 47.4331,
11.9456


 141.1316,
177.5575, 81.9850

 23.0502, 33.3781,
6.5846


 175.6033,
218.2431, 107.5695

 14.7515, 22.4163,
3.1292

215.2754,
264.7126, 137.9894

 8.7303, 14.1631,
1.1610

260.5133,
317.3502, 173.6634

 4.6214, 8.2342,
0.0000

311.6824,

 2.0593, 4.2452,

376.5405, 215.0099

0.0000

369.1479,
442.6678, 262.4475

■ 0.6670, 1.8116,
0.0000

■ 0.0000, 0.4944,
0.0000

■ 65.2654, 86.3597,
30.0589

■ 65.2654, 86.3597,
30.0589

■ 61.6232, 84.6323,
23.0997

■ 69.4446, 88.3166,
39.1768

■ 58.4815, 83.1198,
18.1163


■ 74.1924, 90.5161,
50.6088


■ 55.7990, 81.8052,
14.9018

■ 79.5383, 92.9701,
64.5003

■ 53.5252, 80.6683,
13.2016

■ 85.5092, 95.6895,
80.9837

 52.3369, 80.0657,
12.6958

 92.1303, 98.6848,
100.1820

95.0500, 100.0000,
108.9000

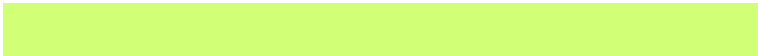
Harmonies

Analogous

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



81.9673, 86.3597, 23.9807



65.2654, 86.3597, 30.0589



54.6191, 86.3597, 51.4843

Triad

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



65.2654, 86.3597, 30.0589



65.4366, 86.3597, 214.9992



123.6478, 86.3597, 93.7019

Complementary

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



65.2654, 86.3597, 30.0589



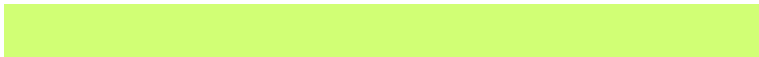
39.5169, 27.7305, 97.8775

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.



117.4846, 86.3597, 155.2473



65.2654, 86.3597, 30.0589



82.1974, 86.3597, 239.5924

Square

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



65.2654, 86.3597, 30.0589



54.7068, 86.3597, 156.0459



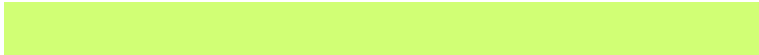
101.5651, 86.3597, 214.4279



117.3386, 86.3597, 51.1033

Rectangle

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



65.2654, 86.3597, 30.0589



51.4487, 86.3597, 77.5095



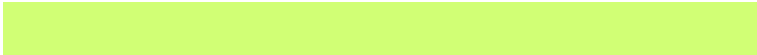
101.5651, 86.3597, 214.4279



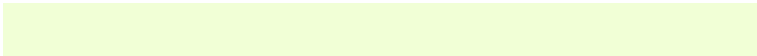
122.9560, 86.3597, 112.7478

Sweetspot

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



65.2656, 86.3597, 30.0601



84.3353, 95.1564, 77.6744



57.5488, 48.7398, 23.2054



17.7823, 20.2451, 15.8749



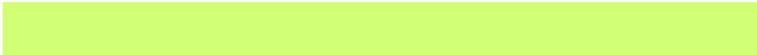
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.2656, 86.3597, 30.0601



61.3259, 84.4902, 22.5824



49.7869, 78.3802, 29.3357



18.9384, 20.7697, 19.1551



27.5121, 41.9211, 6.6415



2.7947, 4.1415, 0.6521

Inverse Universe

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



39.5169, 27.7305, 97.8775



33.2327, 20.3810, 96.7901



57.6907, 37.0994, 98.7280



17.5735, 17.6719, 22.7347



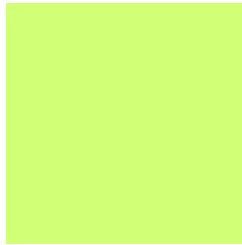
11.5298, 4.8543, 49.7639



1.2329, 0.5295, 4.8505

Previews

White Background



This preview shows how the XYZ color 65.2654, 86.3597, 30.0589 looks on a white background.

Color Contrast Check

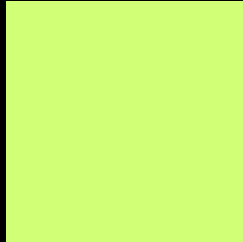
Large Text (above 18pt) WCAG AA × Fail

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 65.2654, 86.3597, 30.0589 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

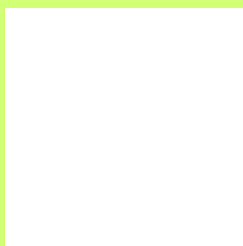
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2654, 86.3597, 30.0589

Background



This preview shows how black text looks on a background with the XYZ color 65.2654, 86.3597, 30.0589.

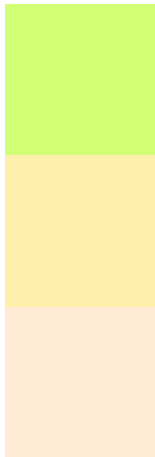


This preview shows how white text looks on a background with the XYZ color 65.2654, 86.3597,

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

65.2654, 86.3597, 30.0589

Protanopia

79.6493, 86.0101, 51.9388

Deuteranopia

83.0859, 85.5317, 75.7485



Tritanopia

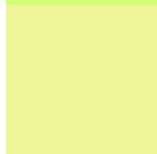
81.5232, 86.1982, 106.9489

Trichromacy



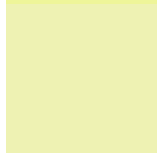
Original Color

65.2654, 86.3597, 30.0589



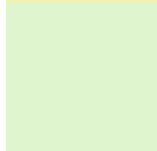
Protanomaly

73.6621, 85.7819, 42.8121



Deuteranomaly

75.1487, 84.9361, 55.0814



Tritanomaly

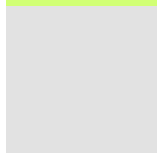
73.7961, 85.2422, 70.3215

Monochromacy



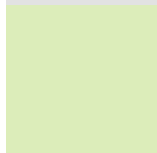
Original Color

65.2654, 86.3597, 30.0589



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

68.6623, 79.3292, 58.1475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2654, 86.3597, 30.0589 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(209, 255, 117)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 117)  
}
```

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(209, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 117) }
```

Border

The CSS property to change the border of an element to XYZ 65.2654, 86.3597, 30.0589 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(209, 255, 117) }
```


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

```
.border{ border-color:rgb(209, 255, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 117);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2654, 86.3597, 30.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 117) }
```

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

```
.background{ background-color: rgb(209,  
255, 117) }
```

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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