

Converting Colors

XYZ(58.6658, 35.5970,
119.2906)

Have a look what the booklet for
XYZ(58.6658, 35.5970, 119.2906)
contains.

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Color

**XYZ(54.7766, 34.1139,
98.3053)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E26CFF |
| RGB | 226, 108, 255 |
| RGB Percent | 89%, 42%, 100% |
| CMY | 0.1137, 0.5765, 0.0000 |
| CMYK | 0.11, 0.58, 0.00, 0.00 |
| HSL | 288°, 100%, 71% |
| HSV | 288°, 58%, 100% |
| XYZ | 54.7766, 34.1139, 98.3053 |
| YIQ | 160.0400, 23.1410, 70.7330 |

Conversions

Conversions Part 2

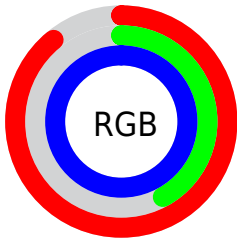
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 108, 255 |
| Decimal | 14839039 |
| CIE _{Lab} | 65.05, 66.73, -53.56 |
| CIE _{LCh} | 65, 85.560, 321.249 |
| Yxy | 34.1139, 0.2926, 0.1822 |
| Android (android.graphics.Color) | 4293029119 (0xFFE26CFF) |
| YUV | 160.0400, 46.8153, 57.8469 |
| Hunter-Lab | 58.4071, 65.1922, -58.9063 |

Details

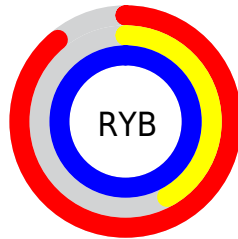
The XYZ color **54.7766, 34.1139, 98.3053** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **48.7840, 77.9214, 26.6579**, and the grayscale version is **33.2171, 34.9469, 38.0572**.

A 20% lighter version of the original color is **72.5655, 55.0309, 101.4052**, and **27.2700, 14.5739, 54.8018** is the 20% darker color. If you saturate the color by 10%, you get **50.9157, 28.6988, 97.4636**, and if you desaturate by 10%, it is **59.4724, 41.1280, 99.4117**.

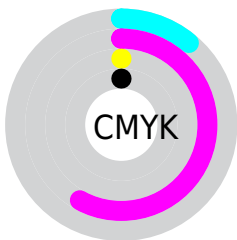
Distribution



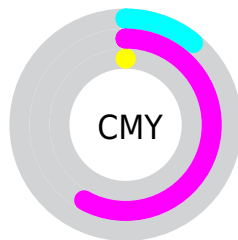
- Red (89%)
- Green (42%)
- Blue (100%)



- Red (89%)
- Yellow (42%)
- Blue (100%)



- Cyan (11%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7766, 34.1139, 98.3053 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 54.7766, 34.1139, 98.3053 by changing the saturation by 10% instead.


 54.7766, 34.1139,
98.3053


 54.7766, 34.1139,
98.3053

395.2147,
320.6396, 575.9457

 39.4560, 22.9811,
74.2770

 96.3638, 66.1108,
160.8578


 27.2970, 14.5796,
54.5226


 123.3611, 87.7436,
200.2191

 17.9341, 8.5249,
38.6236


 154.9814,
113.6453, 245.5285

 11.0021, 4.4326,
26.1615

 191.5900,
144.2002, 297.2046

 6.1356, 1.9184,
16.7176

233.5523,
179.7926, 355.6658

 2.9691, 0.5594,
9.8736

281.2336,

 1.1375, 0.0000,

220.8071, 421.3307

5.2107

334.9993,
267.6280, 494.6178

■ 0.0561, 0.0000,
2.3105

■ 0.0000, 0.0000,
0.7371

■ 54.7766, 34.1139,
98.3053

■ 54.7766, 34.1139,
98.3053

■ 50.9157, 28.6988,
97.4636

■ 59.4724, 41.1280,
99.4117

■ 47.8150, 24.7368,
96.8623

■ 65.0620, 49.8617,
100.8029

■ 45.3918, 22.0623,
96.4738

■ 71.6031, 60.4284,
102.4977

■ 43.5356, 20.4551,
96.2614

■ 79.1473, 72.9309,
104.5133

■ 43.1431, 20.1559,
96.2243

■ 87.7424, 87.4642,
106.8655

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.



41.8468, 34.1139, 143.9167



54.7766, 34.1139, 98.3053



62.1279, 34.1139, 48.5212

Triad

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



54.7766, 34.1139, 98.3053



36.1854, 34.1139, 2.2870



14.9038, 34.1139, 67.7624

Complementary

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



54.7766, 34.1139, 98.3053



48.7840, 77.9214, 26.6579

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.



14.1186, 34.1139, 27.7011



54.7766, 34.1139, 98.3053



24.5343, 34.1139, 2.9403

Square

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



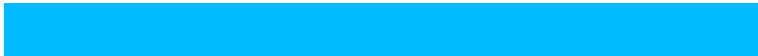
54.7766, 34.1139, 98.3053



49.7380, 34.1139, 5.2992



17.1684, 34.1139, 8.7148



19.6820, 34.1139, 119.7992

Rectangle

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



54.7766, 34.1139, 98.3053



61.8501, 34.1139, 25.3618



17.1684, 34.1139, 8.7148



14.2225, 34.1139, 52.1056

Sweetspot

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



54.7778, 34.1153, 98.3055



79.6696, 73.8062, 104.6547



33.2382, 28.4149, 98.3405



16.7075, 15.2201, 22.3071



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.



54.7778, 34.1153, 98.3055



50.4527, 28.0802, 97.3686



58.3486, 36.6844, 65.5688



18.4209, 18.1087, 22.7744



22.6671, 10.5958, 50.2851



2.2923, 1.0757, 4.9001

Inverse Universe

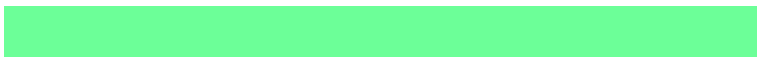
The Inverse Universe completely reimagines the original color for something new.



51.1187, 33.7924, 27.4963



47.0632, 28.0686, 18.7853



47.6209, 76.9789, 42.0988



18.1558, 18.0456, 19.4377



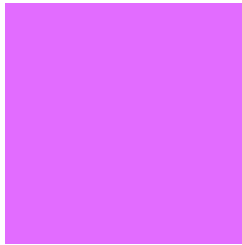
21.8943, 11.2470, 2.8277



2.1681, 1.1096, 0.4665

Previews

White Background



This preview shows how the XYZ color 54.7766, 34.1139, 98.3053 looks on a white background.

Color Contrast Check

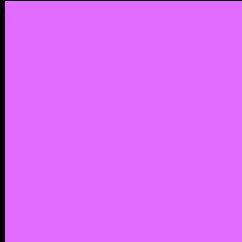
Large Text (above 18pt) WCAG AA × Fail

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 54.7766, 34.1139, 98.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

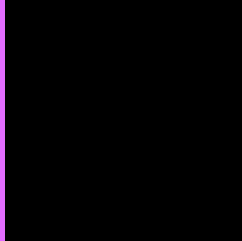
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7766, 34.1139, 98.3053

Background



This preview shows how black text looks on a background with the XYZ color 54.7766, 34.1139, 98.3053.



This preview shows how white text looks on a background with the XYZ color 54.7766, 34.1139,

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

54.7766, 34.1139, 98.3053

Protanopia

37.1075, 34.4446, 99.3004

Deuteranopia

35.5435, 34.5523, 91.9847



Tritanopia

41.0761, 33.8468, 31.9719

Trichromacy



Original Color

54.7766, 34.1139, 98.3053



Protanomaly

41.0431, 32.5651, 98.7302



Deuteranomaly

39.6138, 32.3680, 93.7823

Tritanomaly

44.6427, 33.0658, 50.4838

Monochromacy



Original Color

54.7766, 34.1139, 98.3053



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

39.1424, 33.1802, 55.9712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7766, 34.1139, 98.3053 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(226, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 108, 255)  
}
```

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(226, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 108, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.7766, 34.1139, 98.3053 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(226, 108, 255) }
```


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

```
.border{ border-color:rgb(226, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 108,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7766, 34.1139, 98.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 108, 255) }
```

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

```
.background{ background-color: rgb(226,  
108, 255) }
```

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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