

Converting Colors

YUV(134.3380, 54.5564, 1.4576)

Have a look what the booklet for
YUV(134.3380, 54.5564, 1.4576)
contains.

YUV(134.3380, 54.5564, 1.4576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.3380, 54.5564,
1.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	8870F5
RGB	136, 112, 245
RGB Percent	53%, 44%, 96%
CMY	0.4667, 0.5608, 0.0392
CMYK	0.44, 0.54, 0.00, 0.04
HSL	251°, 87%, 70%
HSV	251°, 54%, 96%
XYZ	32.4289, 23.4152, 89.1966
YIQ	134.3380, -28.3890, 46.4510

Conversions

Conversions Part 2

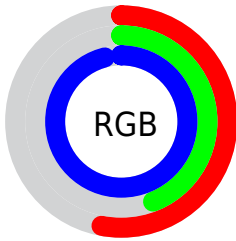
Format	Color
R_{YB}	136, 112, 245
Decimal	8941813
CIE _{Lab}	55.50, 41.20, -63.87
CIE _{LCh}	55, 76.004, 302.829
Yxy	23.4152, 0.2236, 0.1614
Android (android.graphics.Color)	4287131893 (0xFF8870F5)
YUV	134.3380, 54.5564, 1.4576
Hunter-Lab	48.3892, 34.9440, -75.4177

Details

The YUV color **134.3380, 54.5564, 1.4576** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **222.6620, -54.5564, -1.4576**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6430, 35.1790, 9.9601**, and **81.4360, 52.5361, -3.8904** is the 20% darker color. If you saturate the color by 10%, you get **113.6830, 64.7393, 2.0320**, and if you desaturate by 10%, it is **154.9930, 44.3735, 0.8831**.

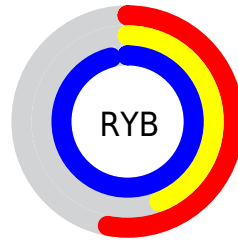
Distribution



Red (53%)

Green (44%)

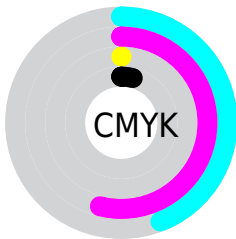
Blue (96%)



Red (53%)

Yellow (44%)

Blue (96%)

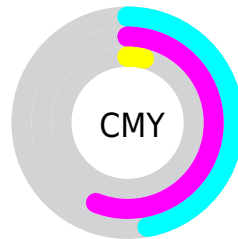


Cyan (44%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (47%)

Magenta (56%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3380, 54.5564, 1.4576 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 YUV color 134.3380, 54.5564, 1.4576 by changing the saturation by 10% instead.

■ 134.3380, 54.5564,
1.4576

■ 134.3380, 54.5564,
1.4576

■ 255.0000, 0.0000,
0.0000

■ 107.6860, 53.3988,
-0.6016

■ 183.6430, 35.1790,
9.9601

■ 81.4360, 52.5361,
-3.8904

■ 208.7500, 22.8012,
13.3742

■ 54.5770, 51.9735,
-10.1530

■ 234.4550, 10.1287,
18.0180

■ 25.7280, 52.8851,
-22.5635

■ 250.8910, 2.0257,
3.6036

■ 12.1980, 46.7374,
-10.6976

■ 9.3480, 35.8174,
-8.1982

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 134.3380, 54.5564,
1.4576

■ 134.3380, 54.5564,
1.4576

■ 113.6830, 64.7393,
2.0320

■ 154.9930, 44.3735,
0.8831

■ 93.6150, 74.6328,
2.0916

■ 175.0610, 34.4799,
0.8235

■ 72.9600, 84.8157,
2.6661

■ 195.7160, 24.2970,
0.2491

■ 52.8920, 94.7092,
2.7257

■ 215.7840, 14.4035,
0.1894

■ 41.0860, 100.5296,
2.5556

■ 236.4390, 4.2206,
-0.3850

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



111.2500, 70.8688, -97.5662



134.3380, 54.5564, 1.4576



130.4260, 31.3420, 74.1714

Triad

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



134.3380, 54.5564, 1.4576



124.1150, -61.1887, 72.6901



110.2390, 13.6862, -96.6796

Complementary

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



134.3380, 54.5564, 1.4576



222.6620, -54.5564, -1.4576

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.



100.4980, -16.0215, -88.1367



134.3380, 54.5564, 1.4576



123.8290, -61.0477, 27.3370

Square

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



134.3380, 54.5564, 1.4576



120.8470, -27.5326, 104.4972



113.4760, -55.9437, -23.2195



117.6490, 42.0780, -103.1782

Rectangle

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



134.3380, 54.5564, 1.4576



120.7860, 15.3885, 104.5507



113.4760, -55.9437, -23.2195



107.5030, 3.2030, -94.2801

Sweetspot

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



134.3380, 54.5564, 1.4576



221.0660, 16.7295, 0.8191



192.3190, 25.9717, -70.4398



107.3450, 10.1829, 0.5744



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



134.3380, 54.5564, 1.4576



116.8940, 68.0863, 1.8470



153.7730, 44.9749, 41.4181



111.9660, 4.9468, 0.0298



31.3700, 76.2326, 2.3065



10.0150, 24.1496, 0.8638

Inverse Universe

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



164.1930, 28.0059, 70.8677



154.1380, 34.9350, 88.4560



203.2270, -44.9749, -41.4181



114.7280, 2.5991, 6.3775



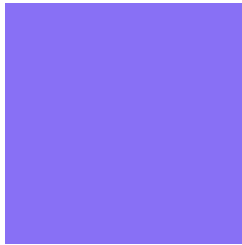
73.0560, 39.4124, 99.0519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 134.3380, 54.5564, 1.4576 looks on a white background.

Color Contrast Check

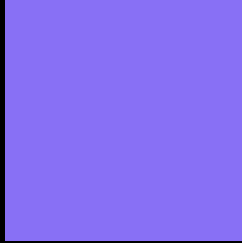
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 134.3380, 54.5564, 1.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

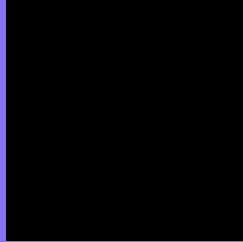
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.3380, 54.5564, 1.4576

Background



This preview shows how black text looks on a background with the YUV color 134.3380, 54.5564, 1.4576.



This preview shows how white text looks on a background with the YUV color 134.3380, 54.5564, 1.4576.

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

134.3380, 54.5564, 1.4576

Protanopia

121.8470, 65.6444, -55.1168

Deuteranopia

106.6050, 65.7637, -93.4926



Tritanopia

130.4800, 8.6374, -17.0840

Trichromacy



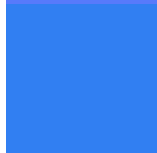
Original Color

134.3380, 54.5564, 1.4576



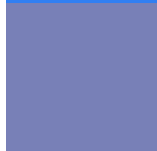
Protanomaly

126.2410, 61.5062, -34.4144



Deuteranomaly

116.7880, 61.7295, -59.4501



Tritanomaly

131.8780, 25.2031, -10.4170

Monochromacy



Original Color

134.3380, 54.5564, 1.4576



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1630, 19.6396, 0.7340

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3380, 54.5564, 1.4576 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(136, 112, 245)` looks like.

```
.text, #text, p{  
    color:rgb(136, 112, 245)  
}
```

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(136, 112, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 112, 245) }
```

Border

The CSS property to change the border of an element to YUV 134.3380, 54.5564, 1.4576 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(136, 112, 245) }
```


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

```
.border{ border-color:rgb(136, 112, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 112, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 112, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 112, 245);  
box-shadow:4px 4px 4px 4px rgb(136, 112,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 134.3380, 54.5564, 1.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 112, 245) }
```

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

```
.background{ background-color: rgb(136,  
112, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor