

Converting Colors

YUV(133.4510, 59.9237, 6.6205)

Have a look what the booklet for
YUV(133.4510, 59.9237, 6.6205)
contains.

YUV(133.4510, 59.9237, 6.6205)	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(133.4510, 59.9237,
6.6205)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6AFF
RGB	141, 106, 255
RGB Percent	55%, 42%, 100%
CMY	0.4471, 0.5843, 0.0000
CMYK	0.45, 0.58, 0.00, 0.00
HSL	254°, 100%, 71%
HSV	254°, 58%, 100%
XYZ	34.1885, 23.1908, 97.2821
YIQ	133.4510, -26.9690, 53.7590

Conversions

Conversions Part 2

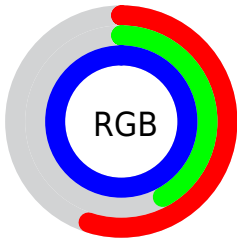
Format	Color
R _Y B	141, 106, 255
Decimal	9267967
CIE _{Lab}	55.27, 48.40, -69.75
CIE _{LCh}	55, 84.900, 304.756
Yxy	23.1908, 0.2211, 0.1499
Android (android.graphics.Color)	4287458047 (0xFF8D6AFF)
YUV	133.4510, 59.9237, 6.6205
Hunter-Lab	48.1568, 42.4502, -86.0626

Details

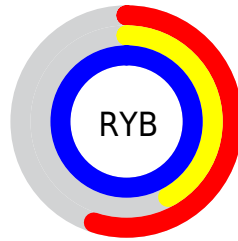
The YUV color **133.4510, 59.9237, 6.6205** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **227.5490, -59.9237, -6.6205**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5020, 35.7415, 16.2227**, and **79.8370, 57.7614, 0.1430** is the 20% darker color. If you saturate the color by 10%, you get **112.7960, 70.1066, 7.1949**, and if you desaturate by 10%, it is **154.6930, 49.4514, 5.5312**.

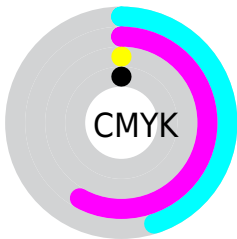
Distribution



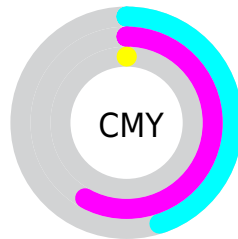
- Red (55%)
- Green (42%)
- Blue (100%)



- Red (55%)
- Yellow (42%)
- Blue (100%)



- Cyan (45%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4510, 59.9237, 6.6205 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 133.4510, 59.9237, 6.6205 by changing the saturation by 10% instead.

■ 133.4510, 59.9237,
6.6205

■ 133.4510, 59.9237,
6.6205

255.0000, 0.0000,
0.0000

■ 106.5000, 58.9135,
3.9465

■ 182.5020, 35.7415,
16.2227

■ 79.8370, 57.7614,
0.1430

■ 207.3210, 23.5057,
20.7665

■ 52.0920, 57.6356,
-6.2197

■ 230.9330, 11.8650,
21.1068

■ 20.2970, 59.9996,
-17.8005

■ 247.9560, 3.4727,
6.1776

■ 13.2240, 50.6686,
-11.5974

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 133.4510, 59.9237,
6.6205

■ 133.4510, 59.9237,
6.6205

■ 112.7960, 70.1066,
7.1949

■ 154.6930, 49.4514,
5.5312

■ 91.8530, 80.4315,
8.8989

■ 175.0490, 39.4158,
4.3420

■ 71.1980, 90.6144,
9.4734

■ 196.2910, 28.9435,
3.2528

■ 50.2550, 100.9393,
11.1774

■ 216.6470, 18.9080,
2.0636

■ 47.0100, 102.5391,
11.3922

■ 237.8890, 8.4357,
0.9743

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



110.6630, 71.1581, -97.0515



133.4510, 59.9237, 6.6205



123.7900, 36.0925, 90.5152

Triad

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



133.4510, 59.9237, 6.6205



123.5390, -60.9047, 74.9493



111.9830, 15.2914, -98.2091

Complementary

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



133.4510, 59.9237, 6.6205



227.5490, -59.9237, -6.6205

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.



100.6290, -18.0581, -88.2516



133.4510, 59.9237, 6.6205



122.9210, -60.6001, 23.7483

Square

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



133.4510, 59.9237, 6.6205



114.1260, -30.6281, 117.4075



109.5670, -54.0165, -34.7003



120.1910, 46.7408, -105.4075

Rectangle

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



133.4510, 59.9237, 6.6205



101.1390, 23.5955, 132.3051



109.5670, -54.0165, -34.7003



108.4320, 4.2240, -95.0949

Sweetspot

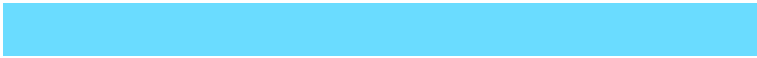
The Sweet Spot groups the original color and five complimentary colors.



133.4510, 59.9237, 6.6205



217.5330, 18.4712, 2.1636



189.9040, 32.0923, -73.5838



104.3990, 11.6353, 1.4041



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.



133.4510, 59.9237, 6.6205



109.5510, 71.7064, 7.4098



155.5770, 49.0155, 52.1140



117.3790, 5.2362, 0.5446



35.2290, 76.7951, 8.5692



11.7810, 25.7440, 2.8231

Inverse Universe

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



163.5470, 27.8313, 80.2043



145.7260, 33.1661, 95.8333



205.4230, -49.0155, -52.1140



120.0270, 2.4517, 6.9923



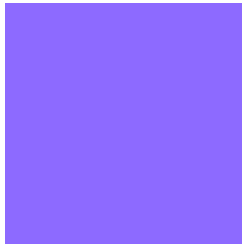
73.7530, 35.6178, 102.8256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 133.4510, 59.9237, 6.6205 looks on a white background.

Color Contrast Check

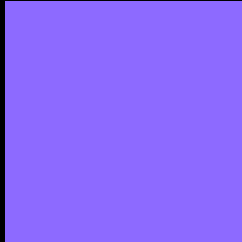
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4510, 59.9237, 6.6205 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 133.4510, 59.9237, 6.6205

Background



This preview shows how black text looks on a background with the YUV color 133.4510, 59.9237, 6.6205.



This preview shows how white text looks on a background with the YUV color 133.4510, 59.9237, 6.6205.

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

133.4510, 59.9237, 6.6205

Protanopia

120.9500, 66.0867, -56.9611

Deuteranopia

106.1490, 64.0165, -93.0927



Tritanopia

130.2630, 7.7583, -15.1397

Trichromacy



Original Color

133.4510, 59.9237, 6.6205



Protanomaly

125.5230, 63.8322, -33.7847



Deuteranomaly

115.7390, 62.7397, -56.7761



Tritanomaly

131.3560, 26.9395, -7.3282

Monochromacy



Original Color

133.4510, 59.9237, 6.6205



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0430, 21.6708, 2.5933

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4510, 59.9237, 6.6205 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(141, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 106, 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(141, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 106, 255) }
```

Border

The CSS property to change the border of an element to YUV 133.4510, 59.9237, 6.6205 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(141, 106, 255) }
```


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

```
.border{ border-color:rgb(141, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 106, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 106, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 106,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 133.4510, 59.9237, 6.6205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 106, 255) }
```

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

```
.background{ background-color: rgb(141,  
106, 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](#).

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