

Converting Colors

YUV(135.8920, 57.7342, 8.8647)

Have a look what the booklet for
YUV(135.8920, 57.7342, 8.8647)
contains.

YUV(135.8920, 57.7342, 8.8647)	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(135.8920, 57.7342,
8.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	926CFD
RGB	146, 108, 253
RGB Percent	57%, 42%, 99%
CMY	0.4275, 0.5765, 0.0078
CMYK	0.42, 0.57, 0.00, 0.01
HSL	256°, 97%, 71%
HSV	256°, 57%, 99%
XYZ	34.9462, 23.9280, 95.7052
YIQ	135.8920, -23.8970, 53.1510

Conversions

Conversions Part 2

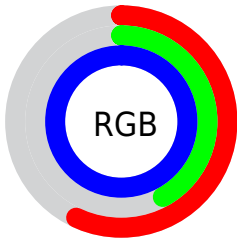
Format	Color
R_{YB}	146, 108, 253
Decimal	9596157
CIE _{Lab}	56.02, 47.79, -67.42
CIE _{LCh}	56, 82.636, 305.330
Yxy	23.9280, 0.2261, 0.1548
Android (android.graphics.Color)	4287786237 (0xFF926CFD)
YUV	135.8920, 57.7342, 8.8647
Hunter-Lab	48.9162, 41.9188, -81.7603

Details

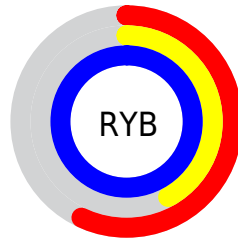
The YUV color **135.8920, 57.7342, 8.8647** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **225.1080, -57.7342, -8.8647**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8720, 34.5731, 17.6523**, and **81.9900, 55.7139, 3.5168** is the 20% darker color. If you saturate the color by 10%, you get **115.5360, 67.7698, 10.0539**, and if you desaturate by 10%, it is **156.2480, 47.6987, 7.6755**.

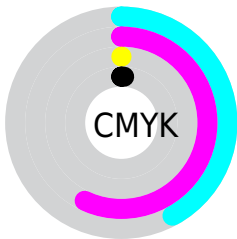
Distribution



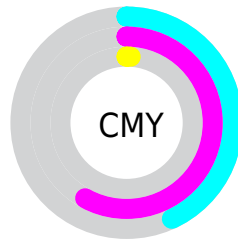
- Red (57%)
- Green (42%)
- Blue (99%)



- Red (57%)
- Yellow (42%)
- Blue (99%)



- Cyan (42%)
- Magenta (57%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (58%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8920, 57.7342, 8.8647 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 135.8920, 57.7342, 8.8647 by changing the saturation by 10% instead.

■ 135.8920, 57.7342,
8.8647

■ 135.8920, 57.7342,
8.8647

255.0000, 0.0000,
0.0000

■ 109.2400, 56.5767,
6.8055

■ 184.8720, 34.5731,
17.6523

■ 81.9900, 55.7139,
3.5168

■ 209.6910, 22.3373,
22.1960

■ 55.1420, 55.1460,
-1.0015

■ 232.1070, 11.2862,
20.0772

■ 21.8410, 58.2524,
-17.4006

■ 249.1300, 2.8939,
5.1480

■ 12.9960, 49.7950,
-11.3975

■ 10.1460, 38.8750,
-8.8980

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 135.8920, 57.7342,
8.8647

■ 135.8920, 57.7342,
8.8647

■ 115.5360, 67.7698,
10.0539

■ 156.2480, 47.6987,
7.6755

■ 94.8920, 77.9472,
12.3727

■ 176.8920, 37.5212,
5.3567

■ 74.5360, 87.9828,
13.5619

■ 197.2480, 27.4857,
4.1675

■ 54.1800, 98.0183,
14.7511

■ 217.6040, 17.4502,
2.9783

■ 48.5760, 100.7810,
15.2808

■ 238.2480, 7.2727,
0.6595

254.7720, -0.8736,
0.2000

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



135.8920, 57.7342, 8.8647



127.4970, 33.7720, 88.1411

Triad

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



135.8920, 57.7342, 8.8647



125.3000, -61.7729, 73.4049



113.4990, 16.0230, -99.5386

Complementary

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



135.8920, 57.7342, 8.8647



225.1080, -57.7342, -8.8647

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.



102.4870, -16.0161, -89.8811



135.8920, 57.7342, 8.8647



124.9810, -61.6156, 22.8187

Square

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



135.8920, 57.7342, 8.8647



118.8650, -31.4854, 112.3744



111.6380, -55.0375, -33.8855



120.8920, 46.8882, -106.0223

Rectangle

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



135.8920, 57.7342, 8.8647



111.7050, 18.3864, 123.0387



111.6380, -55.0375, -33.8855



109.9480, 4.9556, -96.4244

Sweetspot

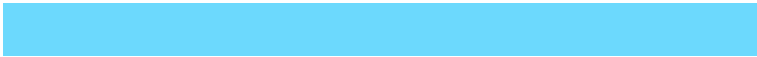
The Sweet Spot groups the original color and five complimentary colors.



135.8920, 57.7342, 8.8647



220.1910, 17.1608, 2.4635



188.5130, 31.7921, -70.6099



107.0570, 10.3249, 1.7040



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.



135.8920, 57.7342, 8.8647



112.8180, 70.0957, 10.6836



157.1210, 47.2683, 52.5139



117.3790, 5.2362, 0.5446



36.7240, 76.0581, 11.6431



12.3790, 25.4492, 4.0526

Inverse Universe

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



163.5530, 25.3634, 78.4450



146.4440, 30.8401, 95.2036



203.8790, -47.2683, -52.5139



119.9130, 2.0149, 7.0923



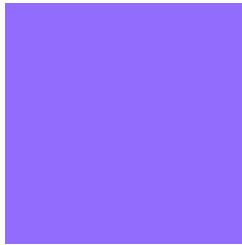
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 135.8920, 57.7342, 8.8647 looks on a white background.

Color Contrast Check

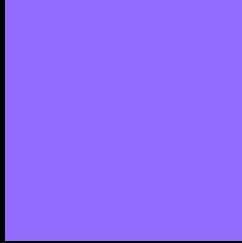
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8920, 57.7342, 8.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

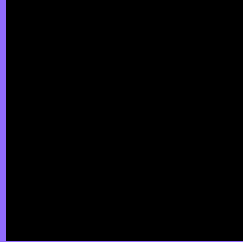
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.8920, 57.7342, 8.8647

Background



This preview shows how black text looks on a background with the YUV color 135.8920, 57.7342, 8.8647.



This preview shows how white text looks on a background with the YUV color 135.8920, 57.7342, 8.8647.

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

135.8920, 57.7342, 8.8647

Protanopia

124.2170, 64.4760, -53.6873

Deuteranopia

107.8930, 65.6218, -94.6222



Tritanopia

132.4700, 7.1633, -10.9362

Trichromacy



Original Color

135.8920, 57.7342, 8.8647



Protanomaly

128.3770, 61.9321, -31.0256



Deuteranomaly

117.7390, 62.7397, -56.7761



Tritanomaly

133.7370, 25.7657, -4.1543

Monochromacy



Original Color

135.8920, 57.7342, 8.8647



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.2280, 21.0866, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8920, 57.7342, 8.8647 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(146, 108, 253)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 253)  
}
```

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(146, 108, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 253) }
```

Border

The CSS property to change the border of an element to YUV 135.8920, 57.7342, 8.8647 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(146, 108, 253) }
```


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

```
.border{ border-color:rgb(146, 108, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 108, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 108, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 108, 253); box-shadow:4px 4px 4px 4px rgb(146, 108, 253) }
```

Background

The CSS property to change the background color of an element to YUV 135.8920, 57.7342, 8.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 253) }
```

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

```
.background{ background-color: rgb(146,  
108, 253) }
```

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