

# Converting Colors

YUV(134.0920, 57.1426,  
-81.6417)

Have a look what the booklet for  
YUV(134.0920, 57.1426, -81.6417)  
contains.

<b>YUV(134.0920, 57.1426, -81.6417)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(134.0920, 57.1426,  
-81.6417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	299FFA
RGB	41, 159, 250
RGB Percent	16%, 62%, 98%
CMY	0.8392, 0.3765, 0.0196
CMYK	0.84, 0.36, 0.00, 0.02
HSL	206°, 95%, 57%
HSV	206°, 84%, 98%
XYZ	30.5679, 32.1698, 95.0408
YIQ	134.0920, -99.5390, 3.2850

# Conversions

## Conversions Part 2

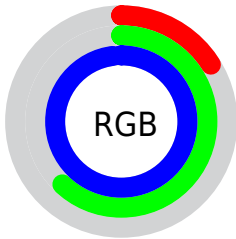
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 116, 250
Decimal	2727930
CIE <sub>Lab</sub>	63.48, -0.03, -54.10
CIE <sub>LCh</sub>	63, 54.098, 269.966
Yxy	32.1698, 0.1937, 0.2039
Android (android.graphics.Color)	4280918010 (0xFF299FFA)
YUV	134.0920, 57.1426, -81.6417
Hunter-Lab	56.7184, -3.0563, -59.6469

# Details

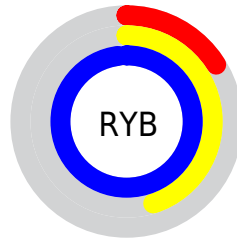
The YUV color **134.0920, 57.1426, -81.6417** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **156.9080, -57.1426, 81.6417**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5790, 31.7596, -60.1438**, and **85.3980, 53.0478, -74.8940** is the 20% darker color. If you saturate the color by 10%, you get **120.1600, 64.0111, -91.3483**, and if you desaturate by 10%, it is **148.0240, 50.2742, -71.9350**.

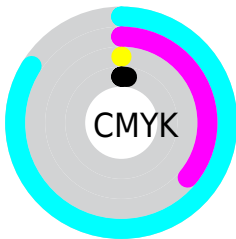
# Distribution



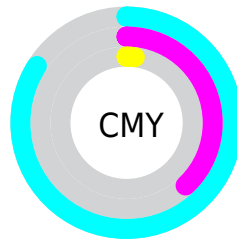
- Red (16%)
- Green (62%)
- Blue (98%)



- Red (16%)
- Yellow (45%)
- Blue (98%)



- Cyan (84%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (84%)
- Magenta (38%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.0920, 57.1426, -81.6417 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 134.0920, 57.1426, -81.6417 by changing the saturation by 10% instead.



■ 134.0920, 57.1426,  
-81.6417

■ 134.0920, 57.1426,  
-81.6417

■ 255.0000, 0.0000,  
0.0000

■ 103.2650, 58.0434,  
-90.5634

■ 190.5790, 31.7596,  
-60.1438

■ 85.3980, 53.0478,  
-74.8940

■ 217.1700, 18.6502,  
-55.4001

■ 68.1180, 47.7628,  
-59.7395

■ 234.3690, 10.1711,  
-42.4196

■ 52.2400, 42.7727,  
-45.8145

■ 243.6380, 5.6015,  
-23.3615

■ 36.9490, 37.4931,  
-32.4043

■ 253.2060, 0.8844,  
-3.6887

■ 22.2450, 31.9242,  
-19.5089

■ 11.2910, 25.4925,

-9.9022

■ 6.3210, 16.6037,  
-5.5435

■ 2.6390, 7.5730,  
-2.3144

■ 134.0920, 57.1426,  
-81.6417

■ 134.0920, 57.1426,  
-81.6417

■ 120.1600, 64.0111,  
-91.3483

■ 148.0240, 50.2742,  
-71.9350

■ 111.2670, 68.3954,  
-97.5812

■ 161.9560, 43.4057,  
-62.2284

■ 175.8880, 36.5372,  
-52.5218

■ 189.8200, 29.6687,  
-42.8151

■ 203.1650, 23.0897,  
-32.5937

■ 217.0970, 16.2212,  
-22.8871

■ 231.0290, 9.3527,  
-13.1804

■ 244.9610, 2.4842,  
-3.4738

■ 254.4300, -2.1840,  
0.4999

# Harmonies

## Analogous

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



127.2810, 53.5985, -111.6254



134.0920, 57.1426, -81.6417



156.1300, 39.8689, -0.9910

# Triad

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



134.0920, 57.1426, -81.6417



152.1640, -21.7729, 77.0322



132.7280, -14.6559, -59.3975

# Complementary

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



134.0920, 57.1426, -81.6417



156.9080, -57.1426, 81.6417

# 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.



143.7330, -38.8154, -10.2898



134.0920, 57.1426, -81.6417



151.2330, -40.0479, 58.5547

# Square

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



134.0920, 57.1426, -81.6417



154.7010, 0.6404, 74.8072



148.2710, -47.9546, 27.8263



121.2270, 15.1711, -106.3161



# Rectangle

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



134.0920, 57.1426, -81.6417



158.6630, 28.2671, 33.6215



148.2710, -47.9546, 27.8263



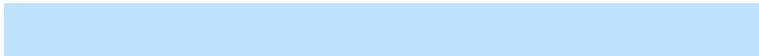
138.0310, -24.1723, -40.3692

# Sweetspot

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



134.0920, 57.1426, -81.6417



219.4280, 17.5370, -24.9314



174.0570, -20.7341, -116.6910



106.3600, 10.6685, -15.2247



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.



134.0920, 57.1426, -81.6417



113.5980, 69.7112, -99.6254



73.0440, 87.2393, -28.1026



118.1780, 3.3632, -5.4181



84.3550, 51.5900, -73.9793



27.4990, 16.5160, -24.1166



# Inverse Universe

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



116.9430, 20.7341, 116.6910



92.6610, 25.3101, 142.3713



217.9560, -87.2393, 28.1026



116.7990, 1.5781, 7.1923



68.7090, 18.8775, 105.4952

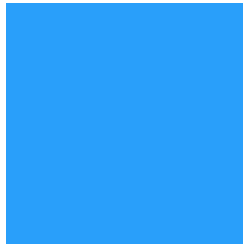


22.2290, 6.2961, 34.0022



# Previews

## White Background



This preview shows how the YUV color 134.0920, 57.1426, -81.6417 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

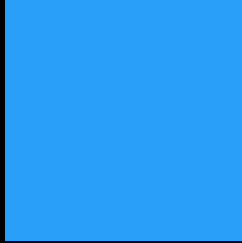
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.0920, 57.1426, -81.6417 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

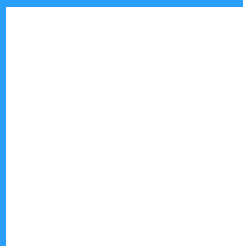
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 134.0920, 57.1426, -81.6417

## Background



This preview shows how black text looks on a background with the YUV color 134.0920, 57.1426, -81.6417.



This preview shows how white text looks on a background with the YUV color 134.0920, 57.1426, -81.6417.



# 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

134.0920, 57.1426, -81.6417

### Protanopia

150.8060, 44.4656, -28.7709

### Deuteranopia

145.0360, 52.2403, -49.1436

# Trichromacy



## Original Color

134.0920, 57.1426, -81.6417

## Protanomaly

144.5370, 49.0353, -47.8289

## Deuteranomaly

141.1270, 54.1674, -60.6244

# Monochromacy



## Original Color

134.0920, 57.1426, -81.6417

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

133.9050, 20.7528, -29.7347

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.0920, 57.1426, -81.6417 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(41, 159, 250)` looks like.

```
.text, #text, p{  
    color:rgb(41, 159, 250)  
}
```

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(41, 159, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 159, 250) }
```

## Border

The CSS property to change the border of an element to YUV 134.0920, 57.1426, -81.6417 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(41, 159, 250) }
```

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

```
.border{ border-color:rgb(41, 159, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 159, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 159, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 159, 250);  
box-shadow:4px 4px 4px 4px rgb(41, 159,  
250) }
```



# Background

The CSS property to change the background color of an element to YUV 134.0920, 57.1426, -81.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 159, 250) }
```

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

```
.background{ background-color: rgb(41, 159,  
250) }
```

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