

# Converting Colors

YUV(179.8350, 36.5633,  
-107.7263)

Have a look what the booklet for  
YUV(179.8350, 36.5633, -107.7263)  
contains.

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# Color

**YUV(179.8350, 36.5633,  
-107.7263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39E4FE
RGB	57, 228, 254
RGB Percent	22%, 89%, 100%
CMY	0.7765, 0.1059, 0.0039
CMYK	0.78, 0.10, 0.00, 0.00
HSL	188°, 99%, 61%
HSV	188°, 78%, 100%
XYZ	47.3201, 63.5124, 103.5310
YIQ	179.8350, -110.2620, -28.1660

# Conversions

## Conversions Part 2

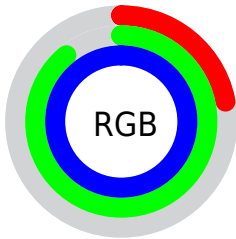
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 149, 254
Decimal	3794174
CIE Lab	83.71, -33.51, -24.75
CIE LCh	84, 41.657, 216.454
Yxy	63.5124, 0.2207, 0.2963
Android (android.graphics.Color)	4281984254 (0xFF39E4FE)
YUV	179.8350, 36.5633, -107.7263
Hunter-Lab	79.6947, -33.4781, -21.2371

# Details

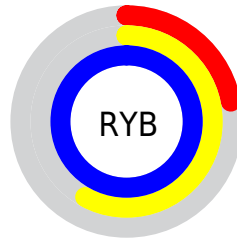
The YUV color **179.8350, 36.5633, -107.7263** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **131.1650, -36.5633, 107.7263**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8210, 17.8362, -74.3880**, and **123.4220, 36.2740, -108.2411** is the 20% darker color. If you saturate the color by 10%, you get **170.5990, 41.1167, -121.5513**, and if you desaturate by 10%, it is **189.0710, 32.0100, -93.9013**.

# Distribution



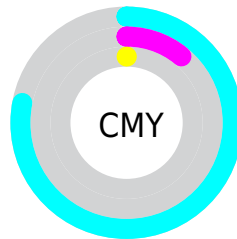
- Red (22%)
- Green (89%)
- Blue (100%)



- Red (22%)
- Yellow (58%)
- Blue (100%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.8350, 36.5633, -107.7263 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 179.8350, 36.5633, -107.7263 by changing the saturation by 10% instead.



179.8350, 36.5633,  
-107.7263

179.8350, 36.5633,  
-107.7263

255.0000, 0.0000,  
0.0000

143.0500, 40.4014,  
-125.4548

218.8210, 17.8362,  
-74.3880

123.4220, 36.2740,  
-108.2411

228.6880, 12.9718,  
-54.1004

104.4950, 32.2940,  
-91.6421

238.5550, 8.1074,  
-33.8127

86.1550, 28.0246,  
-75.5579

247.8240, 3.5378,  
-14.7546

68.6300, 24.3394,  
-60.1885

51.6920, 20.3648,  
-45.3339

35.4550, 16.5377,

-31.0940

■ 19.4460, 13.5841,  
-17.0541

■ 3.5510, 11.0674,  
-3.1142

■ 179.8350, 36.5633,  
-107.7263

■ 179.8350, 36.5633,  
-107.7263

■ 170.5990, 41.1167,  
-121.5513

■ 189.0710, 32.0100,  
-93.9013

■ 160.4770, 46.1068,  
-135.4763

■ 199.1930, 27.0199,  
-79.9763

■ 158.0960, 47.2807,  
-138.6502

■ 208.4290, 22.4665,  
-66.1512

■ 217.9640, 17.7657,  
-51.7114

■ 227.7870, 12.9230,  
-38.4012

■ 237.0230, 8.3697,  
-24.5762

■ 246.5580, 3.6689,  
-10.1364

■ 254.8860, -0.4368,  
0.1000

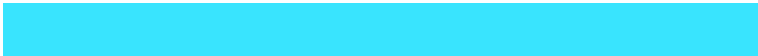
# Harmonies

## Analogous

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



185.3480, 15.1114, -87.1282



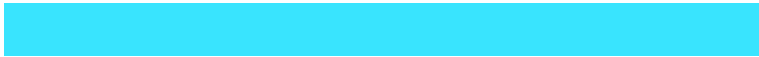
179.8350, 36.5633, -107.7263



189.2950, 32.3926, -76.5577

# Triad

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



179.8350, 36.5633, -107.7263



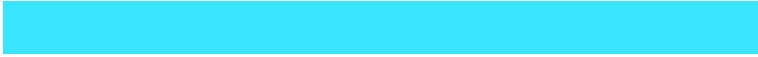
211.1400, 14.7210, 38.4652



205.3760, -37.1604, 18.9642

# Complementary

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



179.8350, 36.5633, -107.7263



131.1650, -36.5633, 107.7263

# 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.



207.0290, -34.0313, 42.0706



179.8350, 36.5633, -107.7263



203.7590, -0.8672, 44.9384

# Square

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



179.8350, 36.5633, -107.7263



210.8100, 21.7857, 12.4446



202.9490, -19.2019, 45.6487



200.5720, -27.8900, -14.5336

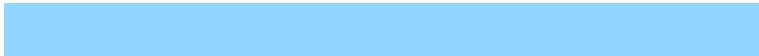


# Rectangle

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



179.8350, 36.5633, -107.7263



198.0430, 28.0798, -46.5187



202.9490, -19.2019, 45.6487



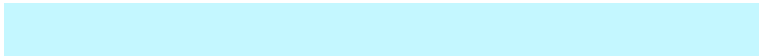
206.6160, -37.7717, 28.4008

# Sweetspot

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



179.8350, 36.5633, -107.7263



232.6630, 11.0121, -32.1535



175.2610, -46.9637, -103.7149



114.3010, 6.7536, -19.5580



0.0000, 0.0000, 0.0000

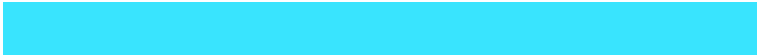


128.0000, 0.0000, 0.0000

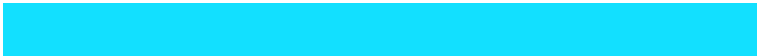


# Same Dimension

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



179.8350, 36.5633, -107.7263



165.9400, 43.9066, -129.7434



124.0700, 64.0555, -58.8204



122.9390, 2.4951, -6.9625



119.2160, 35.3895, -104.5524



39.5810, 12.0386, -34.7125



# Inverse Universe

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



135.3970, 45.6533, 104.0148



112.3470, 55.0449, 125.1067



186.9300, -64.0555, 58.8204



120.1410, 2.8885, 6.8923



76.0330, 44.3537, 100.8261

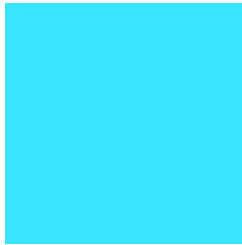


25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 179.8350, 36.5633, -107.7263 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

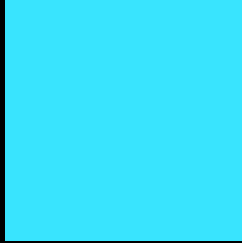
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.8350, 36.5633, -107.7263 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 179.8350, 36.5633, -107.7263 Background**



This preview shows how black text looks on a background with the YUV color 179.8350, 36.5633, -107.7263.



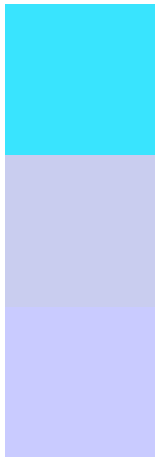
This preview shows how white text looks on a background with the YUV color 179.8350, 36.5633, -107.7263.



# 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

179.8350, 36.5633, -107.7263

### Protanopia

207.6800, 15.4408, -5.8584

### Deuteranopia

208.3300, 23.0083, -6.4284



## Tritanopia

177.9440, 34.5376, -111.3299

# Trichromacy



## Original Color

179.8350, 36.5633, -107.7263



## Protanomaly

197.3980, 22.9748, -42.4450



## Deuteranomaly

198.0650, 28.0690, -43.0300



## Tritanomaly

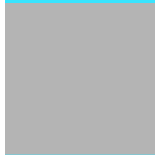
178.7700, 35.1164, -110.3003

# Monochromacy



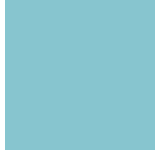
## Original Color

179.8350, 36.5633, -107.7263



## Achromatopsia

180.0000, 0.0000, 0.0000



## Achromatomaly

179.6020, 13.5072, -39.1160

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.8350, 36.5633, -107.7263 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(57, 228, 254)` looks like.

```
.text, #text, p{  
    color:rgb(57, 228, 254)  
}
```

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(57, 228, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 228, 254) }
```

## Border

The CSS property to change the border of an element to YUV 179.8350, 36.5633, -107.7263 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(57, 228, 254) }
```



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

```
.border{ border-color:rgb(57, 228, 254) }
```

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

Here you see how a box with a 4 pixel rgb(57, 228, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 228, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 228, 254);  
box-shadow:4px 4px 4px 4px rgb(57, 228,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 179.8350, 36.5633, -107.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 228, 254) }
```

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

```
.background{ background-color: rgb(57, 228,  
254) }
```

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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