

# Converting Colors

YUV(156.3650, 46.1621,  
-106.4371)

Have a look what the booklet for  
YUV(156.3650, 46.1621, -106.4371)  
contains.

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# Color

**YUV(156.3650, 46.1621,  
-106.4371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23C8FA
RGB	35, 200, 250
RGB Percent	14%, 78%, 98%
CMY	0.8627, 0.2157, 0.0196
CMYK	0.86, 0.20, 0.00, 0.02
HSL	194°, 96%, 56%
HSV	194°, 86%, 98%
XYZ	38.6027, 48.5680, 97.7825
YIQ	156.3650, -114.3900, -19.4300

# Conversions

## Conversions Part 2

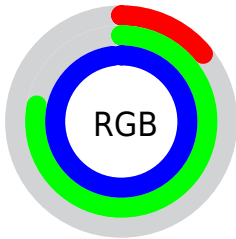
Format	Color
R <sub>Y</sub> B	35, 128, 250
Decimal	2345210
CIE Lab	75.18, -22.75, -35.75
CIE LCh	75, 42.371, 237.533
Yxy	48.5680, 0.2087, 0.2626
Android (android.graphics.Color)	4280535290 (0xFF23C8FA)
YUV	156.3650, 46.1621, -106.4371
Hunter-Lab	69.6907, -23.0850, -34.4057

# Details

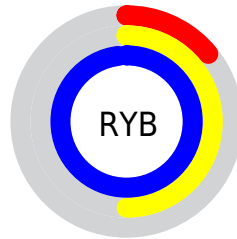
The YUV color **156.3650, 46.1621, -106.4371** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **128.6350, -46.1621, 106.4371**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **107.7040, 42.0509, -94.4564** is the 20% darker color. If you saturate the color by 10%, you get **145.3680, 51.5836, -118.7177**, and if you desaturate by 10%, it is **167.3620, 40.7405, -94.1565**.

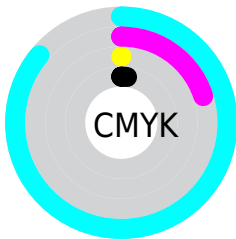
# Distribution



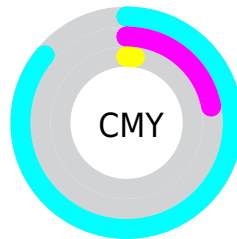
- Red (14%)
- Green (78%)
- Blue (98%)



- Red (14%)
- Yellow (50%)
- Blue (98%)



- Cyan (86%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (86%)
- Magenta (22%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 156.3650, 46.1621, -106.4371 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 156.3650, 46.1621, -106.4371 by changing the saturation by 10% instead.



156.3650, 46.1621,  
-106.4371

156.3650, 46.1621,  
-106.4371

255.0000, 0.0000,  
0.0000

126.7450, 46.4677,  
-111.1554

214.9340, 19.7525,  
-82.3801

107.7040, 42.0509,  
-94.4564

225.1000, 14.7407,  
-61.4777

89.3640, 37.7815,  
-78.3722

234.6680, 10.0237,  
-41.8048

71.6110, 33.2228,  
-62.8028

244.2360, 5.3067,  
-22.1320

54.6730, 29.2482,  
-47.9482

253.5050, 0.7370,  
-3.0739

38.9090, 24.6949,  
-34.1232

25.0200, 19.7101,

-21.9425

■ 6.6630, 17.9141,  
-5.8435

■ 2.9810, 8.8834,  
-2.6143

■ 156.3650, 46.1621,  
-106.4371

■ 156.3650, 46.1621,  
-106.4371

■ 145.3680, 51.5836,  
-118.7177

■ 167.3620, 40.7405,  
-94.1565

■ 141.2040, 53.6364,  
-123.8359

■ 178.3590, 35.3190,  
-81.8758

■ 188.7690, 30.1869,  
-69.0804

■ 199.7660, 24.7654,  
-56.7998

■ 210.7630, 19.3438,  
-44.5192

■ 221.7600, 13.9223,  
-32.2385

■ 232.7570, 8.5008,  
-19.9579

■ 243.7540, 3.0793,  
-7.6773

■ 252.6690, -1.3158,  
2.0443

# Harmonies

## Analogous

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



145.4150, 36.7704, -127.5290



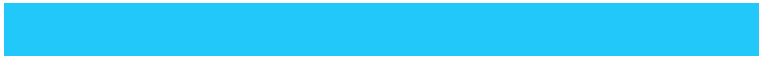
156.3650, 46.1621, -106.4371



176.4800, 38.7104, -49.5330

# Triad

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



156.3650, 46.1621, -106.4371



188.8900, 0.5472, 57.9785



178.6010, -31.8483, -4.9121

# Complementary

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



156.3650, 46.1621, -106.4371



128.6350, -46.1621, 106.4371

# 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.



182.6050, -37.7663, 26.6564



156.3650, 46.1621, -106.4371



185.6180, -17.0667, 60.8480

# Square

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



156.3650, 46.1621, -106.4371



190.1550, 18.6576, 35.8211



185.2520, -32.1692, 51.5220



172.7350, -15.1524, -40.1096



# Rectangle

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



156.3650, 46.1621, -106.4371



184.6520, 34.6816, -17.2348



185.2520, -32.1692, 51.5220



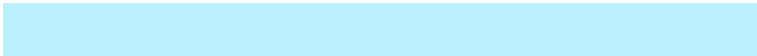
180.1680, -35.0858, 6.8687

# Sweetspot

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



156.3650, 46.1621, -106.4371



226.4610, 14.0697, -32.8533



166.5630, -41.6896, -115.3808



110.1700, 8.7902, -19.4431



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

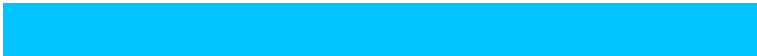


# Same Dimension

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



156.3650, 46.1621, -106.4371



144.1220, 54.6629, -126.3950



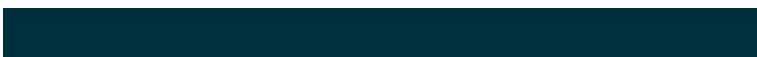
95.3170, 76.2587, -52.8980



119.3520, 2.7845, -6.4477



106.6610, 40.5931, -93.5417



34.5430, 13.0433, -30.2942



# Inverse Universe

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



118.0950, 40.3792, 115.6807



98.5890, 48.0236, 137.1724



189.6830, -76.2587, 52.8980



117.0270, 2.4517, 6.9923



73.0410, 35.4758, 101.6960

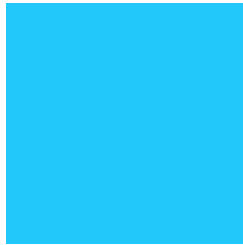


23.5970, 11.5377, 32.8024



# Previews

## White Background



This preview shows how the YUV color 156.3650, 46.1621, -106.4371 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

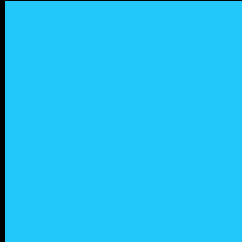
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 156.3650, 46.1621, -106.4371 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 156.3650, 46.1621, -106.4371 Background



This preview shows how black text looks on a background with the YUV color 156.3650, 46.1621, -106.4371.



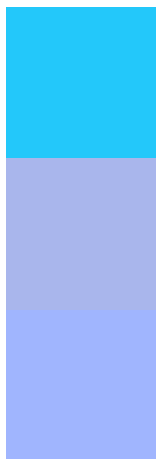
This preview shows how white text looks on a background with the YUV color 156.3650, 46.1621, -106.4371.

-106.4371.

# 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

156.3650, 46.1621, -106.4371

### Protanopia

184.2690, 25.5034, -13.3909

### Deuteranopia

183.0430, 34.9818, -20.2087



## Tritanopia

144.8280, 37.0598, -127.0142

# Trichromacy



## Original Color

156.3650, 46.1621, -106.4371



## Protanomaly

174.2970, 32.8846, -47.6185



## Deuteranomaly

173.5830, 39.1526, -51.3773



## Tritanomaly

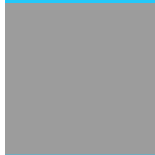
149.3820, 40.2377, -119.6070

# Monochromacy



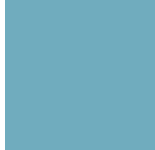
## Original Color

156.3650, 46.1621, -106.4371



## Achromatopsia

156.0000, 0.0000, 0.0000



## Achromatomaly

156.1120, 16.7068, -38.6862

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.3650, 46.1621, -106.4371 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(35, 200, 250)` looks like.

```
.text, #text, p{  
    color:rgb(35, 200, 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(35, 200, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 200, 250) }
```

## Border

The CSS property to change the border of an element to YUV 156.3650, 46.1621, -106.4371 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(35, 200, 250) }
```



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

```
.border{ border-color:rgb(35, 200, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 200, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 200, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 200, 250);  
box-shadow:4px 4px 4px 4px rgb(35, 200,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 156.3650, 46.1621, -106.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 200, 250) }
```

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

```
.background{ background-color: rgb(35, 200,  
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](#).

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