

# Converting Colors

YUV(146.8450, 51.8414,  
-61.2541)

Have a look what the booklet for  
YUV(146.8450, 51.8414, -61.2541)  
contains.

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# Color

**YUV(146.8450, 51.8414,  
-61.2541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA2FC
RGB	77, 162, 252
RGB Percent	30%, 64%, 99%
CMY	0.6980, 0.3647, 0.0118
CMYK	0.69, 0.36, 0.00, 0.01
HSL	211°, 97%, 65%
HSV	211°, 69%, 99%
XYZ	33.5516, 34.4467, 96.9760
YIQ	146.8450, -79.5500, 9.9700

# Conversions

## Conversions Part 2

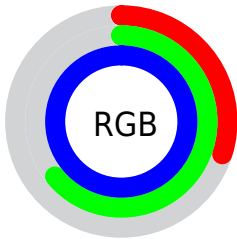
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	77, 134, 252
Decimal	5087996
CIE Lab	65.32, 2.87, -52.23
CIE LCh	65, 52.306, 273.146
Yxy	34.4467, 0.2034, 0.2088
Android (android.graphics.Color)	4283278076 (0xFF4DA2FC)
YUV	146.8450, 51.8414, -61.2541
Hunter-Lab	58.6913, -0.6682, -56.8813

# Details

The YUV color **146.8450, 51.8414, -61.2541** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **182.1550, -51.8414, 61.2541**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6190, 27.7958, -48.7779**, and **87.3870, 53.0532, -76.6384** is the 20% darker color. If you saturate the color by 10%, you get **131.7390, 59.2887, -69.9311**, and if you desaturate by 10%, it is **161.9510, 44.3942, -52.5770**.

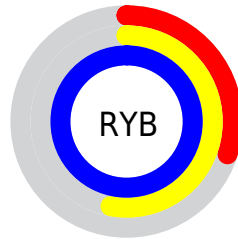
# Distribution



Red (30%)

Green (64%)

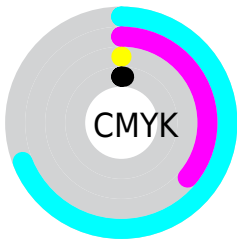
Blue (99%)



Red (30%)

Yellow (53%)

Blue (99%)

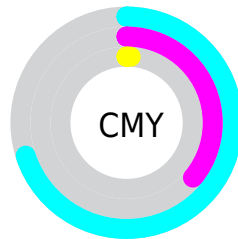


Cyan (69%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (36%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.8450, 51.8414, -61.2541 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 146.8450, 51.8414, -61.2541 by changing the saturation by 10% instead.



■ 146.8450, 51.8414,  
-61.2541

■ 146.8450, 51.8414,  
-61.2541

■ 255.0000, 0.0000,  
0.0000

■ 114.5230, 53.4792,  
-73.2497

■ 198.6190, 27.7958,  
-48.7779

■ 87.3870, 53.0532,  
-76.6384

■ 224.9110, 14.8339,  
-44.6489

■ 70.1070, 47.7682,  
-61.4838

■ 240.0500, 7.3704,  
-30.7388

■ 53.5280, 42.6307,  
-46.9441

■ 249.3190, 2.8007,  
-11.6808

■ 38.2370, 37.3512,  
-33.5338

■ 24.2340, 31.9296,  
-21.2532

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 146.8450, 51.8414,  
-61.2541

■ 146.8450, 51.8414,  
-61.2541

■ 131.7390, 59.2887,  
-69.9311

■ 161.9510, 44.3942,  
-52.5770

■ 116.6330, 66.7359,  
-78.6081

■ 177.0570, 36.9469,  
-43.9000

■ 101.2280, 74.3306,  
-87.9000

■ 192.4620, 29.3522,  
-34.6082

■ 100.3420, 74.7674,  
-87.9999

■ 207.5680, 21.9050,  
-25.9311

■ 222.6740, 14.4577,  
-17.2541

■ 237.7800, 7.0105,  
-8.5771

■ 252.8860, -0.4368,  
0.1000

■ 254.6580, -1.3104,  
0.2999

# Harmonies

## Analogous

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



129.6120, 54.9143, -113.6697



146.8450, 51.8414, -61.2541



161.7780, 37.0844, 5.4567

# Triad

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



146.8450, 51.8414, -61.2541



157.6860, -23.5092, 73.9434



137.8030, -11.7349, -62.9712

# Complementary

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



146.8450, 51.8414, -61.2541



182.1550, -51.8414, 61.2541

# 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.



148.5090, -35.7469, -14.4784



146.8450, 51.8414, -61.2541



156.7980, -40.3264, 54.5512

# Square

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



146.8450, 51.8414, -61.2541



159.8920, -2.4118, 73.7627



153.7050, -46.1966, 23.9377



125.3020, 18.0921, -109.8899



# Rectangle

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



146.8450, 51.8414, -61.2541



163.5880, 25.3461, 37.1953



153.7050, -46.1966, 23.9377



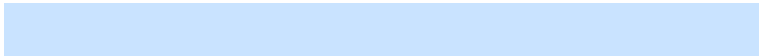
142.2200, -20.8145, -44.0429

# Sweetspot

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



146.8450, 51.8414, -61.2541



222.4180, 16.0629, -18.7836



189.7570, -12.2052, -98.8879



108.4530, 9.6367, -10.9213



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.



146.8450, 51.8414, -61.2541



127.6290, 62.7939, -74.2196



96.9500, 76.4397, -17.4961



117.5910, 3.6526, -4.9033



75.5500, 55.9308, -66.2574



24.5640, 17.9629, -21.5426



# Inverse Universe

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



139.0150, 11.3316, 99.0878



118.1300, 13.7399, 120.0350



232.0500, -76.4396, 17.4962



116.6850, 1.1413, 7.2923



66.9990, 12.3255, 106.9949

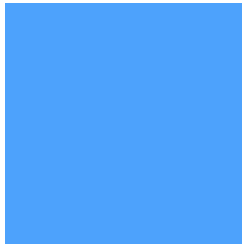


21.6590, 4.1121, 34.5021



# Previews

## White Background



This preview shows how the YUV color 146.8450, 51.8414, -61.2541 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

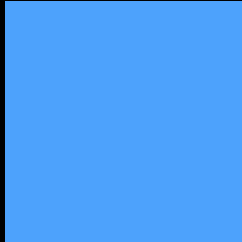
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.8450, 51.8414, -61.2541 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

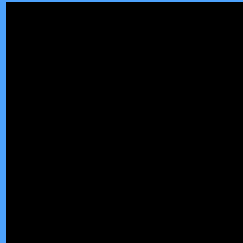
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

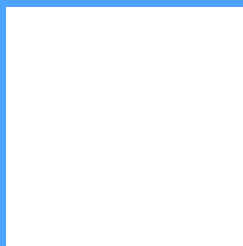
Any Text WCAG AAA ✓ Pass

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

# YUV 146.8450, 51.8414, -61.2541 Background



This preview shows how black text looks on a background with the YUV color 146.8450, 51.8414, -61.2541.



This preview shows how white text looks on a background with the YUV color 146.8450, 51.8414, -61.2541.

-61.2541.

# 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

146.8450, 51.8414, -61.2541

### Protanopia

155.9910, 43.8814, -28.0561

### Deuteranopia

152.0860, 49.7506, -43.9254



## Tritanopia

131.1480, 28.5210, -94.8458

# Trichromacy



## Original Color

146.8450, 51.8414, -61.2541

## Protanomaly

153.0110, 46.8296, -40.3516

## Deuteranomaly

149.9820, 50.7879, -49.9732

## Tritanomaly

136.8150, 37.0662, -82.2758

# Monochromacy



## Original Color

146.8450, 51.8414, -61.2541

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

146.7920, 18.8365, -21.7426

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.8450, 51.8414, -61.2541 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(77, 162, 252)` looks like.

```
.text, #text, p{  
    color:rgb(77, 162, 252)  
}
```

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(77, 162, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 162, 252) }
```

## Border

The CSS property to change the border of an element to YUV 146.8450, 51.8414, -61.2541 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(77, 162, 252) }
```



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

```
.border{ border-color:rgb(77, 162, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 162, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 162, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 162, 252);  
box-shadow:4px 4px 4px 4px rgb(77, 162,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 146.8450, 51.8414, -61.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 162, 252) }
```

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

```
.background{ background-color: rgb(77, 162,  
252) }
```

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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