

# Converting Colors

YUV(145.4170, 44.1644,  
-72.2797)

Have a look what the booklet for  
YUV(145.4170, 44.1644, -72.2797)  
contains.

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# Color

**YUV(145.4170, 44.1644,  
-72.2797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FAAEB
RGB	63, 170, 235
RGB Percent	25%, 67%, 92%
CMY	0.7529, 0.3333, 0.0784
CMYK	0.73, 0.28, 0.00, 0.08
HSL	203°, 81%, 58%
HSV	203°, 73%, 92%
XYZ	31.4200, 35.8044, 83.8522
YIQ	145.4170, -84.6370, -2.4690

# Conversions

## Conversions Part 2

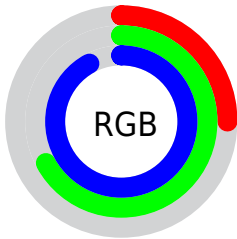
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	63, 129, 235
Decimal	4172523
CIE Lab	66.37, -9.32, -41.30
CIE LCh	66, 42.344, 257.281
Yxy	35.8044, 0.2080, 0.2370
Android (android.graphics.Color)	4282362603 (0xFF3FAAEB)
YUV	145.4170, 44.1644, -72.2797
Hunter-Lab	59.8368, -10.9847, -41.2003

# Details

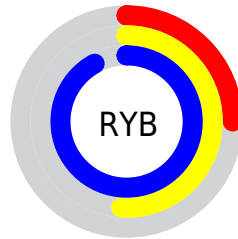
The YUV color **145.4170, 44.1644, -72.2797** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **152.5830, -44.1644, 72.2797**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3140, 26.9602, -60.7884**, and **89.6720, 44.0387, -78.6423** is the 20% darker color. If you saturate the color by 10%, you get **133.2570, 50.1593, -81.7864**, and if you desaturate by 10%, it is **157.8760, 38.0221, -62.1583**.

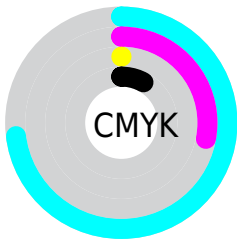
# Distribution



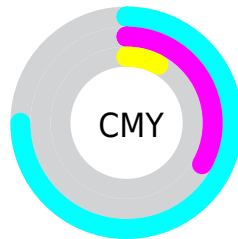
- Red (25%)
- Green (67%)
- Blue (92%)



- Red (25%)
- Yellow (51%)
- Blue (92%)



- Cyan (73%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (75%)
- Magenta (33%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.4170, 44.1644, -72.2797 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 145.4170, 44.1644, -72.2797 by changing the saturation by 10% instead.



■ 145.4170, 44.1644,  
-72.2797

■ 145.4170, 44.1644,  
-72.2797

255.0000, 0.0000,  
0.0000

■ 108.1260, 48.7449,  
-94.8265

■ 200.3140, 26.9602,  
-60.7884

■ 89.6720, 44.0387,  
-78.6423

■ 226.6060, 13.9982,  
-56.6595

■ 72.5060, 39.1905,  
-63.5878

■ 236.4620, 9.1392,  
-38.1162

■ 55.4540, 34.7792,  
-48.6332

■ 245.7310, 4.5696,  
-19.0581

■ 39.5760, 29.7890,  
-34.7082

■ 25.1000, 25.0937,  
-22.0127

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,  
-4.1289

■ 0.1140, 0.4368,  
-0.1000

■ 145.4170, 44.1644,  
-72.2797

■ 145.4170, 44.1644,  
-72.2797

■ 133.2570, 50.1593,  
-81.7864

■ 157.8760, 38.0221,  
-62.1583

■ 120.7980, 56.3016,  
-91.9078

■ 170.0360, 32.0273,  
-52.6516

■ 112.4920, 60.3964,  
-98.6555

■ 182.4950, 25.8850,  
-42.5301

■ 194.6550, 19.8901,  
-33.0234

■ 206.5270, 14.0372,  
-22.3872

■ 218.6870, 8.0423,  
-12.8805

■ 230.8470, 2.0474,  
-3.3738

■ 243.3060, -4.0949,  
6.7476

■ 249.7850, -7.2890,  
4.5736

# Harmonies

## Analogous

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



129.1100, 42.8368, -113.2295



145.4170, 44.1644, -72.2797



161.2820, 35.8500, -18.6643

# Triad

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



145.4170, 44.1644, -72.2797



162.9370, -10.8149, 62.3223



150.9170, -21.1581, -27.1142

# Complementary

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



145.4170, 44.1644, -72.2797



152.5830, -44.1644, 72.2797

# 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.



156.0970, -34.0648, 6.0539



145.4170, 44.1644, -72.2797



161.6530, -26.9439, 55.5553

# Square

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



145.4170, 44.1644, -72.2797



164.8660, 6.9681, 51.8605



159.8170, -35.8988, 34.3635



141.0980, 0.9377, -67.6149



# Rectangle

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



145.4170, 44.1644, -72.2797



165.1070, 28.0482, 10.4302



159.8170, -35.8988, 34.3635



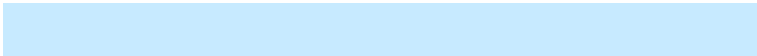
153.2020, -26.7216, -15.9632

# Sweetspot

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



145.4170, 44.1644, -72.2797



225.9290, 14.3320, -23.6167



171.1460, -22.2570, -94.8440



110.2030, 8.7739, -14.2100



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.



145.4170, 44.1644, -72.2797



138.1290, 57.6174, -93.9521



96.1090, 68.4733, -29.0366



111.3630, 2.7790, -4.7034



86.9650, 46.3593, -76.2683



25.5270, 14.0372, -22.3872



# Inverse Universe

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



126.6260, 21.3834, 95.0440



113.8220, 27.6958, 123.8131



201.8910, -68.4733, 29.0366



110.0870, 1.4361, 6.0627



67.0010, 22.6775, 99.9771



19.9080, 6.4544, 29.8987



# Previews

## White Background



This preview shows how the YUV color 145.4170, 44.1644, -72.2797 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

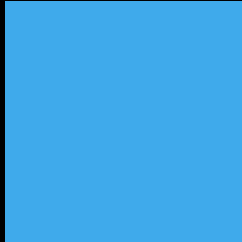
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 145.4170, 44.1644, -72.2797 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

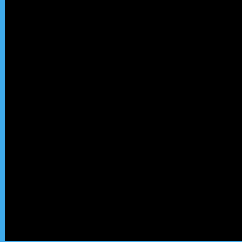
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

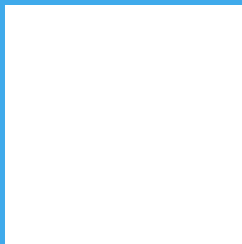
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 145.4170, 44.1644, -72.2797

## Background



This preview shows how black text looks on a background with the YUV color 145.4170, 44.1644, -72.2797.



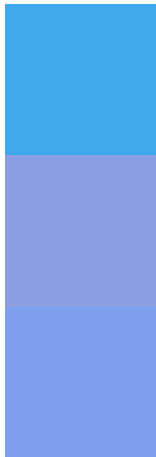
This preview shows how white text looks on a background with the YUV color 145.4170, 44.1644, -72.2797.



# 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

145.4170, 44.1644, -72.2797

### Protanopia

159.9570, 32.0662, -18.3793

### Deuteranopia

158.0250, 38.9347, -28.0859



## Tritanopia

131.7560, 29.7003, -99.7640

# Trichromacy



**Original Color**

145.4170, 44.1644, -72.2797

**Protanomaly**

154.3890, 36.7832, -38.0522

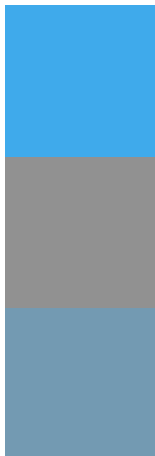
**Deuteranomaly**

153.3820, 40.7307, -44.1850

**Tritanomaly**

136.6030, 35.1987, -89.9828

# Monochromacy



**Original Color**

145.4170, 44.1644, -72.2797

**Achromatopsia**

145.0000, 0.0000, 0.0000

**Achromatomaly**

145.0750, 16.2320, -26.3758

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.4170, 44.1644, -72.2797 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(63, 170, 235)` looks like.

```
.text, #text, p{  
    color:rgb(63, 170, 235)  
}
```

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(63, 170, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 170, 235) }
```

## Border

The CSS property to change the border of an element to YUV 145.4170, 44.1644, -72.2797 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(63, 170, 235) }
```



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

```
.border{ border-color:rgb(63, 170, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 170, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 170, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 170, 235);  
box-shadow:4px 4px 4px 4px rgb(63, 170,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 145.4170, 44.1644, -72.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 170, 235) }
```

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

```
.background{ background-color: rgb(63, 170,  
235) }
```

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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