

# Converting Colors

YUV(122.4020, 60.4408,  
-66.1276)

Have a look what the booklet for  
YUV(122.4020, 60.4408, -66.1276)  
contains.

<b>YUV(122.4020, 60.4408, -66.1276)</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> .....	31

# Color

**YUV(122.4020, 60.4408,  
-66.1276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F89F5
RGB	47, 137, 245
RGB Percent	18%, 54%, 96%
CMY	0.8157, 0.4627, 0.0392
CMYK	0.81, 0.44, 0.00, 0.04
HSL	213°, 91%, 57%
HSV	213°, 81%, 96%
XYZ	26.5994, 25.0882, 89.8268
YIQ	122.4020, -88.3080, 14.5080

# Conversions

## Conversions Part 2

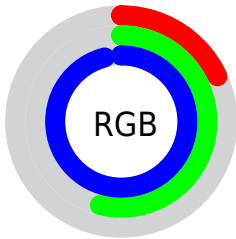
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	47, 109, 245
Decimal	3115509
CIE Lab	57.16, 11.70, -61.44
CIE LCh	57, 62.541, 280.782
Yxy	25.0882, 0.1880, 0.1773
Android (android.graphics.Color)	4281305589 (0xFF2F89F5)
YUV	122.4020, 60.4408, -66.1276
Hunter-Lab	50.0882, 7.1384, -71.2674

# Details

The YUV color **122.4020, 60.4408, -66.1276** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **169.5980, -60.4408, 66.1276**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3770, 38.2681, -47.6886**, and **73.0880, 56.6516, -64.0982** is the 20% darker color. If you saturate the color by 10%, you get **107.2960, 67.8881, -74.8046**, and if you desaturate by 10%, it is **137.5080, 52.9936, -57.4505**.

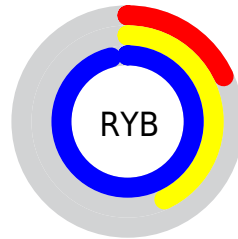
# Distribution



Red (18%)

Green (54%)

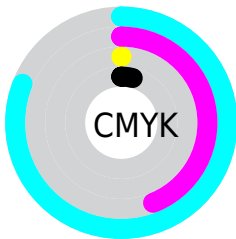
Blue (96%)



Red (18%)

Yellow (43%)

Blue (96%)

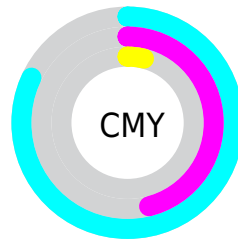


Cyan (81%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (82%)

Magenta (46%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.4020, 60.4408, -66.1276 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 122.4020, 60.4408, -66.1276 by changing the saturation by 10% instead.



■ 122.4020, 60.4408,  
-66.1276

■ 122.4020, 60.4408,  
-66.1276

255.0000, 0.0000,  
0.0000

■ 90.3680, 61.9366,  
-79.2527

■ 177.3770, 38.2681,  
-47.6886

■ 73.0880, 56.6516,  
-64.0982

■ 203.0930, 25.5902,  
-41.3006

■ 56.9820, 50.7879,  
-49.9732

■ 229.3850, 12.6282,  
-37.1716

■ 41.6910, 45.5083,  
-36.5630

■ 243.9370, 5.4541,  
-22.7467

■ 27.5740, 39.6500,  
-24.1824

■ 253.5050, 0.7370,  
-3.0739

■ 15.9190, 33.0709,  
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,  
-4.6288

■ 1.3680, 5.2416,  
-1.1997

■ 122.4020, 60.4408,  
-66.1276

■ 122.4020, 60.4408,  
-66.1276

■ 107.2960, 67.8881,  
-74.8046

■ 137.5080, 52.9936,  
-57.4505

■ 93.0870, 74.8931,  
-81.6373

■ 152.9020, 45.4043,  
-49.9031

■ 168.0080, 37.9571,  
-41.2260

■ 182.8150, 30.6572,  
-33.1638

■ 198.5080, 22.9206,  
-25.0015

■ 213.3150, 15.6207,  
-16.9393

■ 229.0080, 7.8841,  
-8.7770

■ 243.8150, 0.5842,  
-0.7148

■ 253.8600, -4.3680,  
0.9998

# Harmonies

## Analogous

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



117.1710, 60.5547, -102.7590



122.4020, 60.4408, -66.1276



141.0340, 38.9302, 20.1412

# Triad

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



122.4020, 60.4408, -66.1276



132.2540, -31.6772, 80.4612



105.2060, -3.0596, -92.2657

# Complementary

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



122.4020, 60.4408, -66.1276



169.5980, -60.4408, 66.1276

# 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.



121.1710, -36.5663, -31.7220



122.4020, 60.4408, -66.1276



131.6440, -53.5615, 52.9322

# Square

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



122.4020, 60.4408, -66.1276



132.0790, -5.9549, 90.2617



126.4210, -62.3256, 17.1708



113.4650, 20.9698, -99.5088



# Rectangle

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



122.4020, 60.4408, -66.1276



139.7090, 25.2865, 56.3832



126.4210, -62.3256, 17.1708



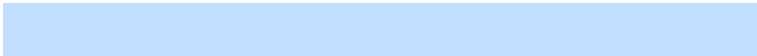
102.5670, -10.6325, -89.9513

# Sweetspot

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



122.4020, 60.4408, -66.1276



217.3900, 18.5417, -20.5130



175.3100, -10.9988, -112.5279



104.6100, 11.5313, -11.9360



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.



122.4020, 60.4408, -66.1276



101.9020, 75.4773, -82.3521



71.6650, 85.4542, -15.4922



114.8900, 3.5052, -4.2885



71.0990, 56.6462, -62.3538



22.5750, 17.9575, -19.7983



# Inverse Universe

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



116.4620, 10.1252, 112.7278



94.6210, 12.5118, 140.6524



220.3350, -85.4542, 15.4922



114.2720, 0.8519, 6.7775



65.3040, 9.7101, 105.8504



20.7190, 3.0965, 33.5724



# Previews

## White Background



This preview shows how the YUV color 122.4020, 60.4408, -66.1276 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

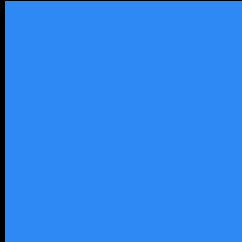
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.4020, 60.4408, -66.1276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

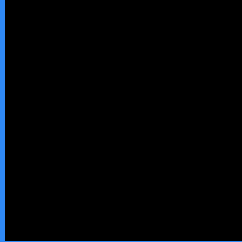
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

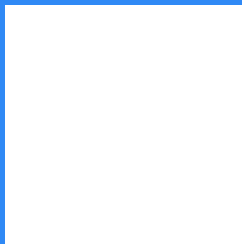
Any Text WCAG AAA × Fail

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

# YUV 122.4020, 60.4408, -66.1276 Background



This preview shows how black text looks on a background with the YUV color 122.4020, 60.4408, -66.1276.



This preview shows how white text looks on a background with the YUV color 122.4020, 60.4408, -66.1276.



# 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

122.4020, 60.4408, -66.1276

### Protanopia

131.2590, 54.1023, -39.6921

### Deuteranopia

116.4000, 63.3998, -81.9118



## Tritanopia

107.1050, 27.0632, -93.9311

# Trichromacy



## Original Color

122.4020, 60.4408, -66.1276

## Protanomaly

127.7740, 56.3134, -48.9138

## Deuteranomaly

118.5040, 62.3625, -75.8640

## Tritanomaly

112.6730, 39.1082, -83.9052

# Monochromacy



## Original Color

122.4020, 60.4408, -66.1276

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.9920, 22.1889, -23.6720

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.4020, 60.4408, -66.1276 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(47, 137, 245)` looks like.

```
.text, #text, p{  
    color:rgb(47, 137, 245)  
}
```

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(47, 137, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 137, 245) }
```

## Border

The CSS property to change the border of an element to YUV 122.4020, 60.4408, -66.1276 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(47, 137, 245) }
```



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

```
.border{ border-color:rgb(47, 137, 245) }
```

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

Here you see how a box with a 4 pixel rgb(47, 137, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 137, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 137, 245);  
box-shadow:4px 4px 4px 4px rgb(47, 137,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 122.4020, 60.4408, -66.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 137, 245) }
```

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

```
.background{ background-color: rgb(47, 137,  
245) }
```

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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