

# Converting Colors

YUV(122.3450, -59.8231,  
101.4294)

Have a look what the booklet for  
YUV(122.3450, -59.8231, 101.4294)  
contains.

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# Color

**YUV(122.3450, -59.8231,  
101.4294)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE5701
RGB	238, 87, 1
RGB Percent	93%, 34%, 0%
CMY	0.0667, 0.6588, 0.9961
CMYK	0.00, 0.63, 1.00, 0.07
HSL	22°, 99%, 47%
HSV	22°, 100%, 93%
XYZ	38.6736, 24.9957, 2.8151
YIQ	122.3450, 117.6020, 5.2660

# Conversions

## Conversions Part 2

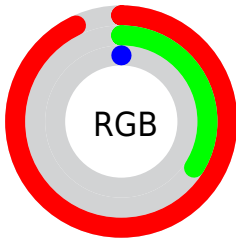
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 136, 1
Decimal	15619841
CIE <sub>Lab</sub>	57.07, 55.54, 66.85
CIE <sub>LCh</sub>	57, 86.911, 50.276
Yxy	24.9957, 0.5817, 0.3760
Android (android.graphics.Color)	4293809921 (0xFFEE5701)
YUV	122.3450, -59.8231, 101.4294
Hunter-Lab	49.9957, 50.5839, 31.6586

# Details

The YUV color **122.3450, -59.8231, 101.4294** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **116.6550, 59.8231, -101.4294**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0090, -50.2904, 77.1681**, and **66.9890, -33.0256, 92.9716** is the 20% darker color. If you saturate the color by 10%, you get **121.6440, -59.9705, 102.0442**, and if you desaturate by 10%, it is **133.8860, -53.6808, 91.3080**.

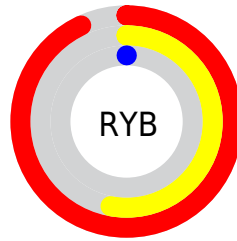
# Distribution



Red (93%)

Green (34%)

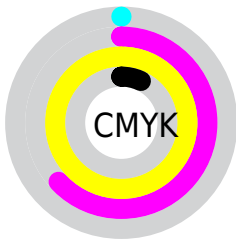
Blue (0%)



Red (93%)

Yellow (53%)

Blue (0%)

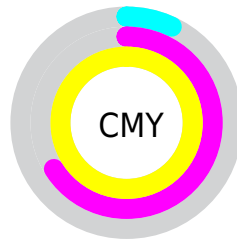


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (66%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 122.3450, -59.8231, 101.4294 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 122.3450, -59.8231, 101.4294 by changing the saturation by 10% instead.




 122.3450,  
-59.8231, 101.4294


 122.3450,  
-59.8231, 101.4294


255.0000, 0.0000,  
0.0000


 95.9280, -47.2925,  
95.6561


 167.0090,  
-50.2904, 77.1681


 66.9890, -33.0256,  
92.9716


 186.4090,  
-47.0366, 60.1543


 42.1590, -20.7844,  
86.6836


 206.5100,  
-43.6354, 42.5257

 32.8900, -16.2148,  
67.6255

 226.6110,  
-40.2342, 24.8972

 23.9200, -11.7926,  
49.1822

 245.6520,  
-35.8174, 8.1982


 15.7760, -6.7916,  
31.7684


 248.8440,


 0.0000, 0.0000,


-23.5871, 5.3988


0.0000


 252.0360,  
-11.3567, 2.5994

 122.3450,  
-59.8231, 101.4294

 122.3450,  
-59.8231, 101.4294


 121.6440,  
-59.9705, 102.0442

 133.8860,  
-53.6808, 91.3080

 145.4270,  
-47.5385, 81.1865

 156.8540,  
-41.8330, 71.1650

 168.9820,  
-35.9801, 60.5288

 180.5230,  
-29.8378, 50.4073

■ 192.0640,  
-23.6956, 40.2859

■ 203.6050,  
-17.5533, 30.1644

■ 215.0320,  
-11.8478, 20.1429

■ 226.5730, -5.7055,  
10.0215

# Harmonies

## Analogous

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



105.2890, -7.5375, 131.2965



122.3450, -59.8231, 101.4294



128.9890, -63.5916, 49.9986

# Triad

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



122.3450, -59.8231, 101.4294



110.4550, -0.7173, -96.8690



116.4650, 68.2978, -66.1828

# Complementary

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



122.3450, -59.8231, 101.4294



116.6550, 59.8231, -101.4294

# 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.



119.4680, 66.8173, -104.7734



122.3450, -59.8231, 101.4294



120.6350, 33.2109, -105.7969

# Square

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



122.3450, -59.8231, 101.4294



96.4450, -39.1664, -84.5823



126.3980, 62.9078, -110.8510



137.3710, 48.1311, 55.8026



# Rectangle

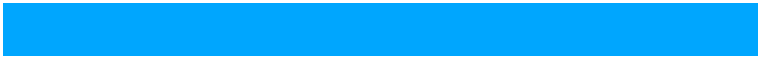
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



122.3450, -59.8231, 101.4294



126.1110, -62.1727, 14.8117



126.3980, 62.9078, -110.8510



110.6630, 71.1581, -97.0515

# Sweetspot

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



122.3450, -59.8231, 101.4294



217.5730, -19.0165, 32.8235



89.4190, 32.3314, 130.3055



105.1460, -11.4110, 20.0430



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.



122.3450, -59.8231, 101.4294



130.8360, -64.5021, 108.8918



189.8500, -93.1030, 42.2276



113.9360, -2.9264, 5.3181



94.3450, -46.5121, 78.6274



28.4840, -14.0426, 24.1315

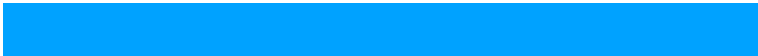


# Inverse Universe

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



116.6550, 59.8231, -101.4294



124.1640, 64.5021, -108.8918



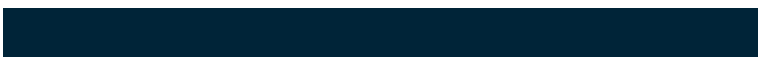
49.1500, 93.1030, -42.2276



114.0640, 2.9264, -5.3181



89.6550, 46.5121, -78.6274



27.5160, 14.0426, -24.1315



# Previews

## White Background



This preview shows how the YUV color 122.3450, -59.8231, 101.4294 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 122.3450, -59.8231, 101.4294 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 122.3450, -59.8231, 101.4294 Background



This preview shows how black text looks on a background with the YUV color 122.3450, -59.8231, 101.4294.



This preview shows how white text looks on a background with the YUV color 122.3450, -59.8231, 101.4294.



# 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

122.3450, -59.8231, 101.4294

### Protanopia

130.0870, -52.3009, 21.8487

### Deuteranopia

128.6240, -63.4116, 38.9178



## Tritanopia

129.1110, -21.2537, 97.2497

# Trichromacy



## Original Color

122.3450, -59.8231, 101.4294

## Protanomaly

126.9920, -54.7191, 50.8730

## Deuteranomaly

126.4080, -62.3191, 61.9092

## Tritanomaly

126.4520, -35.2258, 98.7046

# Monochromacy



## Original Color

122.3450, -59.8231, 101.4294

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.9110, -21.6481, 36.9121

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.3450, -59.8231, 101.4294 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(238, 87, 1)` looks like.

```
.text, #text, p{  
    color:rgb(238, 87, 1)  
}
```

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(238, 87, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 87, 1) }
```

## Border

The CSS property to change the border of an element to YUV 122.3450, -59.8231, 101.4294 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(238, 87, 1) }
```



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

```
.border{ border-color:rgb(238, 87, 1) }
```

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

Here you see how a box with a 4 pixel rgb(238, 87, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 87, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 87, 1);  
box-shadow:4px 4px 4px 4px rgb(238, 87, 1)  
}
```

# Background

The CSS property to change the background color of an element to YUV 122.3450, -59.8231, 101.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 87, 1) }
```

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

```
.background{ background-color: rgb(238, 87,  
1) }
```

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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