

# Converting Colors

YUV(121.6020, -59.9498,  
48.5840)

Have a look what the booklet for  
YUV(121.6020, -59.9498, 48.5840)  
contains.

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# Color

**YUV(121.6020, -59.9498,  
48.5840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B17500
RGB	177, 117, 0
RGB Percent	69%, 46%, 0%
CMY	0.3059, 0.5412, 1.0000
CMYK	0.00, 0.34, 1.00, 0.31
HSL	40°, 100%, 35%
HSV	40°, 100%, 69%
XYZ	24.4928, 22.0697, 2.9690
YIQ	121.6020, 73.3170, -23.6670

# Conversions

## Conversions Part 2

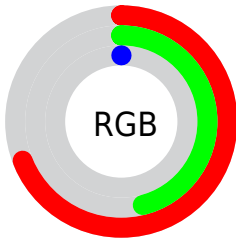
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 177, 0
Decimal	11629824
CIE Lab	54.10, 16.02, 60.67
CIE LCh	54, 62.745, 75.209
Yxy	22.0697, 0.4945, 0.4456
Android (android.graphics.Color)	4289819904 (0xFFB17500)
YUV	121.6020, -59.9498, 48.5840
Hunter-Lab	46.9784, 10.8510, 29.1378

# Details

The YUV color **121.6020, -59.9498, 48.5840** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **55.3980, 59.9498, -48.5840**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8890, -55.1613, 52.7173**, and **76.0840, -37.5094, 37.6373** is the 20% darker color. If you saturate the color by 10%, you get **121.6020, -59.9498, 48.5840**, and if you desaturate by 10%, it is **127.1760, -53.8238, 43.6956**.

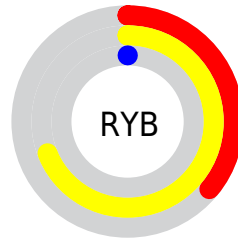
# Distribution



Red (69%)

Green (46%)

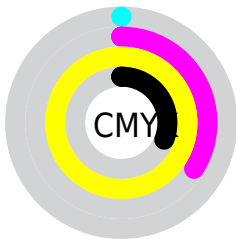
Blue (0%)



Red (36%)

Yellow (69%)

Blue (0%)

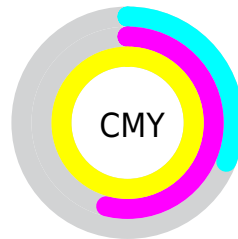


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.6020, -59.9498, 48.5840 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 121.6020, -59.9498, 48.5840 by changing the saturation by 10% instead.



■ 121.6020,  
-59.9498, 48.5840

■ 121.6020,  
-59.9498, 48.5840

■ 255.0000, 0.0000,  
0.0000

■ 97.9570, -48.2928,  
43.0107

■ 177.8890,  
-55.1613, 52.7173

■ 76.0840, -37.5094,  
37.6373

■ 201.8990,  
-53.6872, 46.5696

■ 53.9120, -26.5786,  
31.6492

■ 221.2990,  
-50.4334, 29.5558

■ 33.5120, -16.5214,  
25.8610

■ 241.4000,  
-47.0322, 11.9272


■ 12.5360, -6.1802,  
22.3319

■ 245.7660,  
-35.3806, 8.0982


■ 0.0000, 0.0000,  
0.0000


■ 248.9580,


-23.1503, 5.2988

 252.2640,  
-10.4832, 2.3995

 121.6020,  
-59.9498, 48.5840

 127.1760,  
-53.8238, 43.6956

 132.6360,  
-48.1345, 38.9072

 138.2100,  
-42.0085, 34.0188

 143.7840,  
-35.8825, 29.1304

 149.3580,  
-29.7565, 24.2420

■ 154.8180,  
-24.0673, 19.4536

■ 160.3920,  
-17.9413, 14.5652

■ 165.9660,  
-11.8152, 9.6768

■ 171.4260, -6.1260,  
4.8884

# Harmonies

## Analogous

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



123.8360, -34.4291, 76.4428



121.6020, -59.9498, 48.5840



117.8160, -58.0833, 9.8084

# Triad

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



121.6020, -59.9498, 48.5840



108.1820, 23.5743, -94.8756



132.9920, 35.9929, 28.9480

# Complementary

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



121.6020, -59.9498, 48.5840



55.3980, 59.9498, -48.5840

# 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.



120.1870, 56.6028, -48.3990



121.6020, -59.9498, 48.5840



112.5940, 45.5562, -98.7449

# Square

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



121.6020, -59.9498, 48.5840



101.2110, -0.5970, -88.7620



110.6170, 60.8278, -97.0111



127.4850, 15.0439, 74.9967



# Rectangle

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



121.6020, -59.9498, 48.5840



114.6300, -42.7086, -21.6005



110.6170, 60.8278, -97.0111



132.5810, 42.6046, 8.2605

# Sweetspot

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



121.6020, -59.9498, 48.5840



208.0460, -23.1937, 19.2537



59.9910, 0.9904, 102.6169



101.9940, -14.2940, 11.4063



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



121.6020, -59.9498, 48.5840



157.9940, -77.8910, 63.1493



148.7490, -73.3333, 1.0971



86.2130, -3.0630, 2.4442



105.0340, -51.7818, 42.0662



17.7530, -8.7522, 7.2326



# Inverse Universe

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



55.3980, 59.9498, -48.5840



72.0060, 77.8910, -63.1493



28.2510, 73.3333, -1.0971



82.7870, 3.0630, -2.4442



47.9660, 51.7818, -42.0662



8.2470, 8.7522, -7.2326



# Previews

## White Background



This preview shows how the YUV color 121.6020, -59.9498, 48.5840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

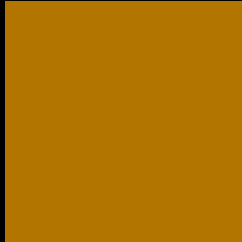
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.6020, -59.9498, 48.5840 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 121.6020, -59.9498, 48.5840

## Background



This preview shows how black text looks on a background with the YUV color 121.6020, -59.9498, 48.5840.



This preview shows how white text looks on a background with the YUV color 121.6020, -59.9498,



# 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



### Protanopia

121.3320, -53.9007, 21.6338

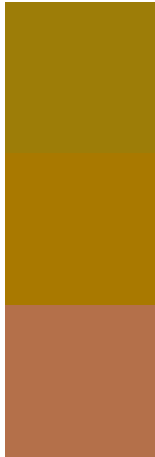
### Deuteranopia

121.2370, -59.7698, 37.5032

### Tritanopia

131.7390, -7.2663, 44.0789

# Trichromacy



## Protanomaly

121.2300, -55.8224, 31.3703

## Deuteranomaly

121.5580, -59.9281, 41.6066

## Tritanomaly

128.0000, -26.6220, 45.6040

# Monochromacy



## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.7900, -21.5885, 17.7242

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.6020, -59.9498, 48.5840 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(177, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(177, 117, 0)  
}
```

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(177, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 117, 0) }
```

## Border

The CSS property to change the border of an element to YUV 121.6020, -59.9498, 48.5840 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(177, 117, 0) }
```

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

```
.border{ border-color:rgb(177, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(177, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(177, 117,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 121.6020, -59.9498, 48.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 117, 0) }
```

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

```
.background{ background-color: rgb(177,  
117, 0) }
```

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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