

# Converting Colors

YUV(184.3620, -72.6495,  
61.9495)

Have a look what the booklet for  
YUV(184.3620, -72.6495, 61.9495)  
contains.

<b>YUV(184.3620, -72.6495, 61.9495)</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(184.3620, -72.6495,  
61.9495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB125
RGB	255, 177, 37
RGB Percent	100%, 69%, 15%
CMY	0.0000, 0.3059, 0.8549
CMYK	0.00, 0.31, 0.85, 0.00
HSL	39°, 100%, 57%
HSV	39°, 85%, 100%
XYZ	57.2961, 52.8379, 8.9292
YIQ	184.3620, 91.4280, -27.0040

# Conversions

## Conversions Part 2

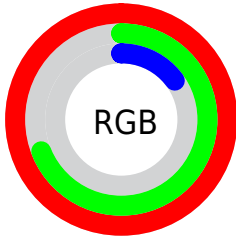
Format	Color
<a href="#">RYB</a>	<a href="#">158, 255, 37</a>
Decimal	<a href="#">16757029</a>
CIELab	<a href="#">77.78, 18.16, 74.80</a>
CIElCh	<a href="#">78, 76.968, 76.357</a>
Yxy	<a href="#">52.8379, 0.4812, 0.4438</a>
Android (android.graphics.Color)	<a href="#">4294947109</a> ( <a href="#">0xFFFFB125</a> )
YUV	<a href="#">184.3620, -72.6495, 61.9495</a>
Hunter-Lab	<a href="#">72.6897, 13.4919, 43.5996</a>

# Details

The YUV color **184.3620, -72.6495, 61.9495** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **107.6380, 72.6495, -61.9495**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0740, -62.6475, 27.1221**, and **131.0820, -64.6234, 54.3021** is the 20% darker color. If you saturate the color by 10%, you get **176.2290, -80.9649, 69.0822**, and if you desaturate by 10%, it is **192.6090, -63.8972, 54.7169**.

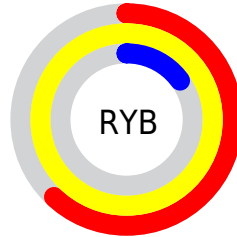
# Distribution



Red (100%)

Green (69%)

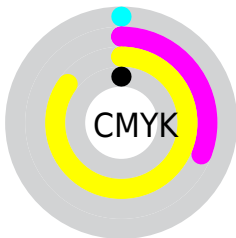
Blue (15%)



Red (62%)

Yellow (100%)

Blue (15%)

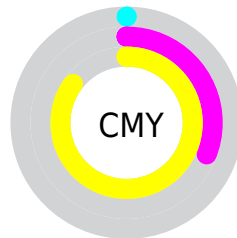


Cyan (0%)

Magenta (31%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.3620, -72.6495, 61.9495 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 184.3620, -72.6495, 61.9495 by changing the saturation by 10% instead.



184.3620,  
-72.6495, 61.9495

184.3620,  
-72.6495, 61.9495

255.0000, 0.0000,  
0.0000

155.0260,  
-76.4278, 60.4902

224.0740,  
-62.6475, 27.1221

131.0820,  
-64.6234, 54.3021

240.1800,  
-56.7837, 12.9971

107.1380,  
-52.8190, 48.1140

243.4860,  
-44.1166, 10.0978

84.0800, -41.4514,  
42.0258

246.6780,  
-31.8863, 7.2984

61.9080, -30.5206,  
36.0377

249.9840,  
-19.2191, 4.3990

40.6220, -20.0266,  
30.1495

253.2900, -6.5520,

20.8090, -10.2588,

1.4997

23.8465

■ 5.9800, -2.9481,  
12.2955

■ 0.0000, 0.0000,  
0.0000

■ 184.3620,  
-72.6495, 61.9495

■ 184.3620,  
-72.6495, 61.9495

■ 176.2290,  
-80.9649, 69.0822

■ 192.6090,  
-63.8972, 54.7169

■ 172.5130,  
-85.0489, 72.3411

■ 200.7420,  
-55.5818, 47.5843

■ 208.9890,  
-46.8296, 40.3516

■ 217.1220,  
-38.5141, 33.2190

■ 225.9560,  
-30.0513, 25.4716

■ 234.0890,  
-21.7359, 18.3389

■ 242.3360,  
-12.9836, 11.1063

■ 250.4690, -4.6682,  
3.9737

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



172.9080, -40.3806, 71.9947



184.3620, -72.6495, 61.9495



178.6300, -72.7816, 10.8485

# Triad

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



184.3620, -72.6495, 61.9495



158.8820, 35.0612, -139.3395



193.8970, 30.1238, 44.8173

# Complementary

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



184.3620, -72.6495, 61.9495



107.6380, 72.6495, -61.9495

# 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.



176.2140, 38.8415, -44.9147



184.3620, -72.6495, 61.9495



159.3840, 47.1387, -139.7798

# Square

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



184.3620, -72.6495, 61.9495



149.2720, 3.3169, -130.9115



152.3400, 50.6114, -133.6022



177.3730, 24.9591, 68.0789



# Rectangle

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



184.3620, -72.6495, 61.9495



173.5290, -53.0118, -30.2819



152.3400, 50.6114, -133.6022



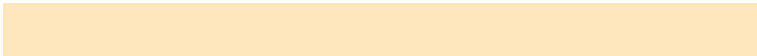
190.4980, 31.7995, 20.6113

# Sweetspot

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



184.3620, -72.6495, 61.9495



233.3880, -21.8833, 18.9537



111.3020, 2.8091, 126.0231



114.6350, -13.1311, 11.7211



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.



184.3620, -72.6495, 61.9495



172.5130, -85.0489, 72.3411



221.4770, -90.9472, 3.9667



123.5830, -4.2314, 3.8737



129.3100, -63.7498, 54.1021



43.2030, -21.2991, 18.2390



# Inverse Universe

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



107.6380, 72.6495, -61.9495



82.4870, 85.0489, -72.3411



70.5230, 90.9472, -3.9667



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390



# Previews

## White Background



This preview shows how the YUV color 184.3620, -72.6495, 61.9495 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 184.3620, -72.6495, 61.9495 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 184.3620, -72.6495, 61.9495 Background



This preview shows how black text looks on a background with the YUV color 184.3620, -72.6495, 61.9495.



This preview shows how white text looks on a background with the YUV color 184.3620, -72.6495, 61.9495.



# 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

184.3620, -72.6495, 61.9495

### Protanopia

182.8480, -69.9311, 29.9513

### Deuteranopia

183.8400, -74.3641, 51.8833



## Tritanopia

195.8540, -8.3090, 51.8710

# Trichromacy



## Original Color

184.3620, -72.6495, 61.9495

## Protanomaly

183.3980, -70.6952, 41.7470

## Deuteranomaly

183.9760, -73.9382, 55.2720

## Tritanomaly

191.6870, -31.8907, 55.5255

# Monochromacy



## Original Color

184.3620, -72.6495, 61.9495

## Achromatopsia

184.0000, 0.0000, 0.0000

## Achromatomaly

183.9710, -26.1147, 22.8274

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.3620, -72.6495, 61.9495 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(255, 177, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 37)  
}
```

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(255, 177, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 37) }
```

## Border

The CSS property to change the border of an element to YUV 184.3620, -72.6495, 61.9495 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(255, 177, 37) }
```



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

```
.border{ border-color:rgb(255, 177, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
37) }
```

# Background

The CSS property to change the background color of an element to YUV 184.3620, -72.6495, 61.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 37) }
```

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

```
.background{ background-color: rgb(255,  
177, 37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor