

# Converting Colors

YUV(177.5740, -74.2330,  
56.5016)

Have a look what the booklet for  
YUV(177.5740, -74.2330, 56.5016)  
contains.

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# Color

**YUV(177.5740, -74.2330,  
56.5016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2AE1B
RGB	242, 174, 27
RGB Percent	95%, 68%, 11%
CMY	0.0510, 0.3176, 0.8941
CMYK	0.00, 0.28, 0.89, 0.05
HSL	41°, 89%, 53%
HSV	41°, 89%, 95%
XYZ	51.9518, 49.2285, 7.8008
YIQ	177.5740, 87.7150, -31.3010

# Conversions

## Conversions Part 2

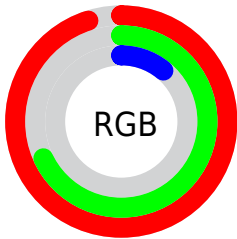
Format	Color
<a href="#">RYB</a>	<a href="#">126, 242, 27</a>
Decimal	<a href="#">15904283</a>
CIELab	<a href="#">75.59, 14.01, 74.85</a>
CIELCh	<a href="#">76, 76.154, 79.396</a>
Yxy	<a href="#">49.2285, 0.4767, 0.4517</a>
Android (android.graphics.Color)	<a href="#">4294094363</a> ( <a href="#">0xFFFF2AE1B</a> )
YUV	<a href="#">177.5740, -74.2330, 56.5016</a>
Hunter-Lab	<a href="#">70.1630, 9.3841, 42.5222</a>

# Details

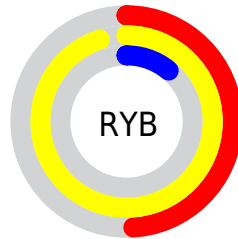
The YUV color **177.5740, -74.2330, 56.5016** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **91.4260, 74.2330, -56.5016**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9280, -64.5475, 29.8811**, and **125.4340, -61.8390, 47.8544** is the 20% darker color. If you saturate the color by 10%, you get **170.1420, -82.4010, 63.0195**, and if you desaturate by 10%, it is **185.0060, -66.0650, 49.9837**.

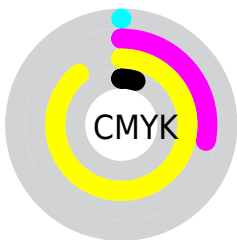
# Distribution



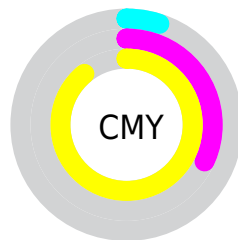
- Red (95%)
- Green (68%)
- Blue (11%)



- Red (49%)
- Yellow (95%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (89%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.5740, -74.2330, 56.5016 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 177.5740, -74.2330, 56.5016 by changing the saturation by 10% instead.



177.5740,  
-74.2330, 56.5016

177.5740,  
-74.2330, 56.5016

255.0000, 0.0000,  
0.0000

149.9650,  
-73.9327, 53.5277

220.9280,  
-64.5475, 29.8811

125.4340,  
-61.8390, 47.8544

239.4960,  
-59.4045, 13.5970

101.7890,  
-50.1820, 42.2810

242.6880,  
-47.1742, 10.7976

79.6170, -39.2512,  
36.2929

245.8800,  
-34.9438, 7.9982

57.4450, -28.3204,  
30.3047

249.1860,  
-22.2767, 5.0989

37.0450, -18.2632,  
24.5165

252.4920, -9.6096,

16.3570, -8.0640,

2.1995

19.8579

■ 0.0000, 0.0000,  
0.0000

■ 177.5740,  
-74.2330, 56.5016

■ 177.5740,  
-74.2330, 56.5016

■ 170.1420,  
-82.4010, 63.0195

■ 185.0060,  
-66.0650, 49.9837

■ 169.2130,  
-83.4220, 63.8342

■ 191.8510,  
-57.6075, 43.9807

■ 199.3970,  
-49.0027, 37.3628

■ 206.8290,  
-40.8347, 30.8450

■ 213.6740,  
-32.3773, 24.8419

■ 221.1060,  
-24.2093, 18.3240

■ 228.5380,  
-16.0412, 11.8062

■ 235.4970, -7.1470,  
5.7031

■ 242.9290, 1.0210,  
-0.8147

# Harmonies

## Analogous

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



170.4800, -44.6066, 74.1240



177.5740, -74.2330, 56.5016



172.2810, -70.1445, 5.0156

# Triad

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



177.5740, -74.2330, 56.5016



154.8870, 37.5237, -135.8359



188.9130, 32.5809, 50.0653

# Complementary

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



177.5740, -74.2330, 56.5016



91.4260, 74.2330, -56.5016

# 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.



174.2200, 39.8245, -33.5189



177.5740, -74.2330, 56.5016



155.2750, 49.1644, -136.1762

# Square

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



177.5740, -74.2330, 56.5016



145.9780, 5.9268, -128.0227



147.6440, 52.9265, -129.4838



171.0810, 21.1591, 73.5970



# Rectangle

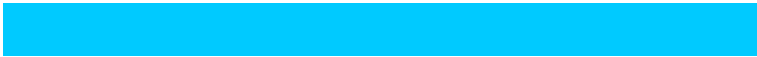
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.5740, -74.2330, 56.5016



166.3370, -48.4801, -37.1295



147.6440, 52.9265, -129.4838



186.6990, 33.6724, 26.5740

# Sweetspot

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



177.5740, -74.2330, 56.5016



234.2200, -23.7725, 18.2241



99.0370, -1.9902, 125.3786



115.6950, -14.1466, 10.7915



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.



177.5740, -74.2330, 56.5016



178.3830, -87.9428, 67.1931



205.8290, -88.1627, -2.4810



116.2840, -4.0840, 3.2589



128.9780, -63.5862, 48.2543



39.0500, -19.2516, 14.8652



# Inverse Universe

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



91.4260, 74.2330, -56.5016



76.6170, 87.9428, -67.1931



63.1710, 88.1627, 2.4810



111.7160, 4.0840, -3.2589



55.0220, 63.5862, -48.2543



16.9500, 19.2516, -14.8651



# Previews

## White Background



This preview shows how the YUV color 177.5740, -74.2330, 56.5016 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 177.5740, -74.2330, 56.5016 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 177.5740, -74.2330, 56.5016

## Background



This preview shows how black text looks on a background with the YUV color 177.5740, -74.2330, 56.5016.



This preview shows how white text looks on a background with the YUV color 177.5740, -74.2330,



# 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

177.5740, -74.2330, 56.5016

### Protanopia

176.0930, -71.5308, 29.7364

### Deuteranopia

177.1990, -75.5271, 51.5685



## Tritanopia

189.6800, -7.7302, 52.9006

# Trichromacy



## Original Color

177.5740, -74.2330, 56.5016

## Protanomaly

176.6320, -72.2896, 39.7877

## Deuteranomaly

177.3240, -75.0957, 53.2129

## Tritanomaly

185.0890, -31.5959, 54.2959

# Monochromacy



## Original Color

177.5740, -74.2330, 56.5016

## Achromatopsia

178.0000, 0.0000, 0.0000

## Achromatomaly

178.0200, -27.1249, 20.1535

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.5740, -74.2330, 56.5016 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(242, 174, 27)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 27)  
}
```

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(242, 174, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 27) }
```

## Border

The CSS property to change the border of an element to YUV 177.5740, -74.2330, 56.5016 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(242, 174, 27) }
```



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

```
.border{ border-color:rgb(242, 174, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 174, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 27);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
27) }
```

# Background

The CSS property to change the background color of an element to YUV 177.5740, -74.2330, 56.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 27) }
```

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

```
.background{ background-color: rgb(242,  
174, 27) }
```

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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