

# Converting Colors

YUV(192.2350, -90.3349,  
41.0129)

Have a look what the booklet for  
YUV(192.2350, -90.3349, 41.0129)  
contains.

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# Color

**YUV(192.2350, -90.3349,  
41.0129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFCC09
RGB	239, 204, 9
RGB Percent	94%, 80%, 4%
CMY	0.0627, 0.2000, 0.9647
CMYK	0.00, 0.15, 0.96, 0.06
HSL	51°, 93%, 49%
HSV	51°, 96%, 94%
XYZ	57.2388, 61.5562, 9.1232
YIQ	192.2350, 83.4550, -53.2250

# Conversions

## Conversions Part 2

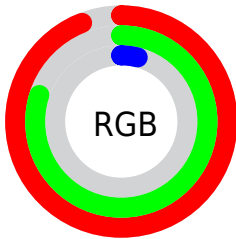
Format	Color
R <sub>Y</sub> B	50, 239, 9
Decimal	15715337
CIE Lab	82.68, -3.10, 82.62
CIE LCh	83, 82.674, 92.146
Yxy	61.5562, 0.4475, 0.4812
Android (android.graphics.Color)	4293905417 (0xFFEFCC09)
YUV	192.2350, -90.3349, 41.0129
Hunter-Lab	78.4577, -7.0765, 48.0261

# Details

The YUV color **192.2350, -90.3349, 41.0129** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **55.7650, 90.3349, -41.0129**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **141.2720, -69.6471, 32.2105** is the 20% darker color. If you saturate the color by 10%, you get **190.6220, -93.9766, 42.4275**, and if you desaturate by 10%, it is **197.3190, -81.0093, 36.5542**.

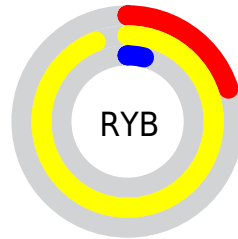
# Distribution



Red (94%)

Green (80%)

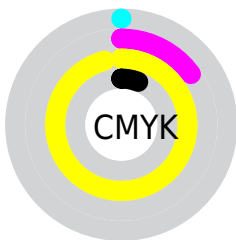
Blue (4%)



Red (20%)

Yellow (94%)

Blue (4%)

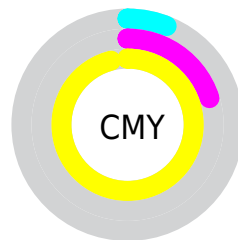


Cyan (0%)

Magenta (15%)

Yellow (96%)

Black (6%)



Cyan (6%)

Magenta (20%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.2350, -90.3349, 41.0129 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 192.2350, -90.3349, 41.0129 by changing the saturation by 10% instead.



192.2350,  
-90.3349, 41.0129

192.2350,  
-90.3349, 41.0129

255.0000, 0.0000,  
0.0000

166.0910,  
-81.8829, 36.7542

235.9620,  
-72.9453, 16.6963

141.2720,  
-69.6471, 32.2105

239.3820,  
-59.8413, 13.6970

117.6270,  
-57.9901, 26.6371

242.6880,  
-47.1742, 10.7976

94.2810, -46.4805,  
21.6786

245.9940,  
-34.5070, 7.8983

72.4080, -35.6971,  
16.3052

249.3000,  
-21.8399, 4.9989

50.8340, -25.0612,  
11.5466

252.7200, -8.7360,

31.0320, -15.2988,

1.9996

6.9879

■ 9.1370, -4.5045,  
-1.8741

■ 0.0000, 0.0000,  
0.0000

■ 192.2350,  
-90.3349, 41.0129

■ 192.2350,  
-90.3349, 41.0129

■ 190.6220,  
-93.9766, 42.4275

■ 197.3190,  
-81.0093, 36.5542

■ 201.8160,  
-71.3943, 32.6104

■ 206.9000,  
-62.0687, 28.1517

■ 211.9840,  
-52.7431, 23.6930

■ 216.3670,  
-43.5649, 19.8491

■ 221.4510,  
-34.2393, 15.3905

■ 225.9480,  
-24.6244, 11.4466

■ 231.0320,  
-15.2988, 6.9879

■ 236.1160, -5.9732,  
2.5293

# Harmonies

## Analogous

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



185.4510, -60.8613, 60.9945



192.2350, -90.3349, 41.0129



186.5270, -63.3638, -23.2642

# Triad

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



192.2350, -90.3349, 41.0129



170.5370, 41.6403, -149.5609



191.6040, 31.2542, 55.5983

# Complementary

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



192.2350, -90.3349, 41.0129



55.7650, 90.3349, -41.0129

# 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.



199.8790, 27.1747, 10.6301



192.2350, -90.3349, 41.0129



165.2540, 44.2448, -144.9278

# Square

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



192.2350, -90.3349, 41.0129



165.8800, 21.2582, -145.4768



154.1010, 49.7432, -135.1466



174.5230, 14.0392, 70.5783



# Rectangle

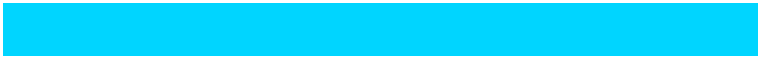
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192.2350, -90.3349, 41.0129



174.3300, -34.6727, -79.2194



154.1010, 49.7432, -135.1466



198.6480, 27.7815, 49.4207

# Sweetspot

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



192.2350, -90.3349, 41.0129



240.1070, -29.1398, 13.0612



82.1020, -17.3053, 137.5995



118.7610, -17.6302, 8.1026



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.



192.2350, -90.3349, 41.0129



203.0370, -100.0972, 45.5716



189.7570, -89.1132, -24.3429



117.4580, -4.6628, 2.2293



146.5880, -72.2679, 32.8103



44.9200, -22.1456, 9.7172



# Inverse Universe

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



55.7650, 90.3349, -41.0129



51.9630, 100.0972, -45.5716



58.2430, 89.1132, 24.3429



110.5420, 4.6628, -2.2293



37.4120, 72.2679, -32.8103



11.6670, 21.8562, -10.2320



# Previews

## White Background



This preview shows how the YUV color 192.2350, -90.3349, 41.0129 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 192.2350, -90.3349, 41.0129 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 192.2350, -90.3349, 41.0129

## Background



This preview shows how black text looks on a background with the YUV color 192.2350, -90.3349, 41.0129.



This preview shows how white text looks on a background with the YUV color 192.2350, -90.3349, 41.0129.



# 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

192.2350, -90.3349, 41.0129

### Protanopia

191.5440, -89.0082, 35.4799

### Deuteranopia

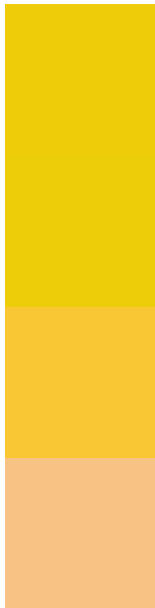
200.0750, -60.6760, 48.1692



## Tritanopia

209.5360, -2.7292, 35.4869

# Trichromacy



## Original Color

192.2350, -90.3349, 41.0129

## Protanomaly

191.7400, -89.5978, 37.9390

## Deuteranomaly

197.1920, -71.5797, 45.4356

## Tritanomaly

203.1810, -34.5992, 37.5523

# Monochromacy



## Original Color

192.2350, -90.3349, 41.0129

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

191.7930, -32.9289, 15.0905

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.2350, -90.3349, 41.0129 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(239, 204, 9)` looks like.

```
.text, #text, p{  
    color:rgb(239, 204, 9)  
}
```

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(239, 204, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 204, 9) }
```

## Border

The CSS property to change the border of an element to YUV 192.2350, -90.3349, 41.0129 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(239, 204, 9) }
```



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

```
.border{ border-color:rgb(239, 204, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 204, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 204, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 204, 9);  
box-shadow:4px 4px 4px 4px rgb(239, 204,  
9) }
```

# Background

The CSS property to change the background color of an element to YUV 192.2350, -90.3349, 41.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 204, 9) }
```

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

```
.background{ background-color: rgb(239,  
204, 9) }
```

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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