

# Converting Colors

YUV(185.0250, -74.9483,  
52.5981)

Have a look what the booklet for  
YUV(185.0250, -74.9483, 52.5981)  
contains.

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# Color

**YUV(185.0250, -74.9483,  
52.5981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B821
RGB	245, 184, 33
RGB Percent	96%, 72%, 13%
CMY	0.0392, 0.2784, 0.8706
CMYK	0.00, 0.25, 0.87, 0.04
HSL	43°, 91%, 55%
HSV	43°, 87%, 96%
XYZ	55.0712, 53.8033, 8.9213
YIQ	185.0250, 84.8270, -34.0290

# Conversions

## Conversions Part 2

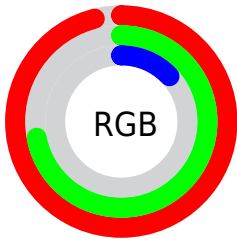
Format	Color
R <sub>Y</sub> B	119, 245, 33
Decimal	16103457
CIE Lab	78.35, 10.17, 75.80
CIE LCh	78, 76.479, 82.359
Yxy	53.8033, 0.4675, 0.4568
Android (android.graphics.Color)	4294293537 (0xFFFF5B821)
YUV	185.0250, -74.9483, 52.5981
Hunter-Lab	73.3507, 5.6528, 44.1343

# Details

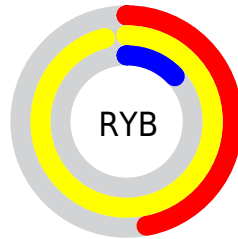
The YUV color **185.0250, -74.9483, 52.5981** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **92.9750, 74.9483, -52.5981**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9550, -65.5468, 23.7185**, and **131.6140, -64.8857, 45.0655** is the 20% darker color. If you saturate the color by 10%, you get **178.0660, -83.8425, 58.7011**, and if you desaturate by 10%, it is **191.8700, -66.4909, 46.5950**.

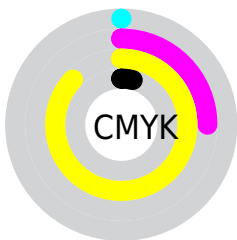
# Distribution



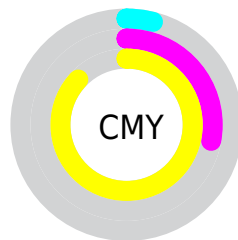
- Red (96%)
- Green (72%)
- Blue (13%)



- Red (47%)
- Yellow (96%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (87%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.0250, -74.9483, 52.5981 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 185.0250, -74.9483, 52.5981 by changing the saturation by 10% instead.



185.0250,  
-74.9483, 52.5981

185.0250,  
-74.9483, 52.5981

255.0000, 0.0000,  
0.0000

156.1450,  
-76.9795, 50.7388

227.9550,  
-65.5468, 23.7185

131.6140,  
-64.8857, 45.0655

240.0660,  
-57.2205, 13.0971

107.9690,  
-53.2287, 39.4922

243.2580,  
-44.9902, 10.2977

85.2100, -42.0085,  
34.0188

246.5640,  
-32.3231, 7.3984

63.6250, -31.3671,  
27.5159

249.8700,  
-19.6559, 4.4990

42.6380, -21.0205,  
22.2425

253.1760, -6.9888,

23.1240, -11.4001,

1.5996

16.5543

■ 2.3920, -1.1793,  
4.9182

■ 0.0000, 0.0000,  
0.0000

■ 185.0250,  
-74.9483, 52.5981

■ 185.0250,  
-74.9483, 52.5981

■ 178.0660,  
-83.8425, 58.7011

■ 191.8700,  
-66.4909, 46.5950

■ 175.9800,  
-86.7581, 60.5305

■ 198.8290,  
-57.5967, 40.4920

■ 205.6740,  
-49.1393, 34.4889

■ 212.6330,  
-40.2451, 28.3859

219.4780,  
-31.7877, 22.3828

226.4370,  
-22.8934, 16.2798

233.2820,  
-14.4360, 10.2767

240.2410, -5.5418,  
4.1736

247.2000, 3.3524,  
-1.9294

# Harmonies

## Analogous

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



176.4640, -47.0638, 68.8761



185.0250, -74.9483, 52.5981



179.1600, -66.6339, -1.0173

# Triad

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



185.0250, -74.9483, 52.5981



161.2930, 41.7606, -141.4540



193.9520, 30.0967, 53.5391

# Complementary

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



185.0250, -74.9483, 52.5981



92.9750, 74.9483, -52.5981

# 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.



184.0320, 34.9872, -21.9531



185.0250, -74.9483, 52.5981



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.



185.0250, -74.9483, 52.5981



152.3840, 10.1637, -133.6408



150.5790, 51.4796, -132.0578



175.3040, 19.5701, 69.8934



# Rectangle

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



185.0250, -74.9483, 52.5981



172.5040, -45.1115, -44.2920



150.5790, 51.4796, -132.0578



194.4290, 29.8615, 35.5808

# Sweetspot

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



185.0250, -74.9483, 52.5981



236.3230, -23.3302, 16.3797



103.6840, -3.2952, 123.9341



116.3960, -13.9992, 10.1767



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.



185.0250, -74.9483, 52.5981



183.0790, -90.2579, 63.0747



208.2740, -86.4101, -4.6253



118.8710, -4.3734, 2.7441



133.6850, -65.9067, 45.8803



42.2950, -20.8514, 14.6503



# Inverse Universe

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



92.9750, 74.9483, -52.5981



71.9210, 90.2579, -63.0747



69.7260, 86.4101, 4.6253



113.7160, 4.0840, -3.2589



52.9020, 65.6173, -46.3951



16.7050, 20.8514, -14.6503



# Previews

## White Background



This preview shows how the YUV color 185.0250, -74.9483, 52.5981 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 185.0250, -74.9483, 52.5981 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 185.0250, -74.9483, 52.5981 Background



This preview shows how black text looks on a background with the YUV color 185.0250, -74.9483, 52.5981.



This preview shows how white text looks on a background with the YUV color 185.0250, -74.9483, 52.5981.



# 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

185.0250, -74.9483, 52.5981

### Protanopia

184.0500, -72.9886, 30.6512

### Deuteranopia

185.0250, -74.9483, 52.5981



## Tritanopia

197.2990, -6.5564, 49.7268

# Trichromacy



## Original Color

185.0250, -74.9483, 52.5981

## Protanomaly

184.2790, -73.5945, 38.3433

## Deuteranomaly

185.0250, -74.9483, 52.5981

## Tritanomaly

193.0670, -31.5850, 50.8072

# Monochromacy



## Original Color

185.0250, -74.9483, 52.5981

## Achromatopsia

185.0000, 0.0000, 0.0000

## Achromatomaly

185.3080, -27.2668, 19.0239

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.0250, -74.9483, 52.5981 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(245, 184, 33)` looks like.

```
.text, #text, p{  
    color:rgb(245, 184, 33)  
}
```

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(245, 184, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 184, 33) }
```

## Border

The CSS property to change the border of an element to YUV 185.0250, -74.9483, 52.5981 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(245, 184, 33) }
```



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

```
.border{ border-color:rgb(245, 184, 33) }
```

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

Here you see how a box with a 4 pixel rgb(245, 184, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 184, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 184, 33);  
box-shadow:4px 4px 4px 4px rgb(245, 184,  
33) }
```

# Background

The CSS property to change the background color of an element to YUV 185.0250, -74.9483, 52.5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 184, 33) }
```

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

```
.background{ background-color: rgb(245,  
184, 33) }
```

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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