

# Converting Colors

YUV(204.4580, -91.9238,  
37.3093)

Have a look what the booklet for  
YUV(204.4580, -91.9238, 37.3093)  
contains.

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# Color

**YUV(204.4580, -91.9238,  
37.3093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DB12
RGB	247, 219, 18
RGB Percent	97%, 86%, 7%
CMY	0.0314, 0.1412, 0.9294
CMYK	0.00, 0.11, 0.93, 0.03
HSL	53°, 93%, 52%
HSV	53°, 93%, 97%
XYZ	63.7985, 70.4809, 10.8139
YIQ	204.4580, 81.2090, -56.5750

# Conversions

## Conversions Part 2

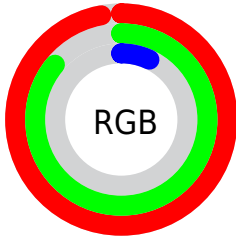
Format	Color
<b>RYB</b>	50, 247, 18
Decimal	16243474
CIELab	87.23, -7.18, 85.37
CIELCh	87, 85.668, 94.809
Yxy	70.4809, 0.4397, 0.4858
Android (android.graphics.Color)	4294433554 (0xFFFF7DB12)
YUV	204.4580, -91.9238, 37.3093
Hunter-Lab	83.9529, -11.2697, 51.1299

# Details

The YUV color **204.4580, -91.9238, 37.3093** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **60.5420, 91.9238, -37.3093**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, -70.3245, 16.0965**, and **152.4690, -75.1672, 29.4067** is the 20% darker color. If you saturate the color by 10%, you get **201.2320, -99.2074, 40.1385**, and if you desaturate by 10%, it is **209.0690, -81.8720, 33.2655**.

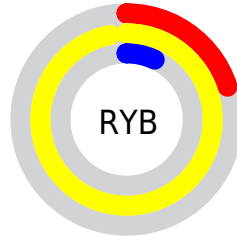
# Distribution



Red (97%)

Green (86%)

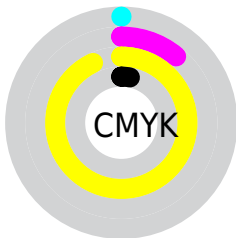
Blue (7%)



Red (20%)

Yellow (97%)

Blue (7%)

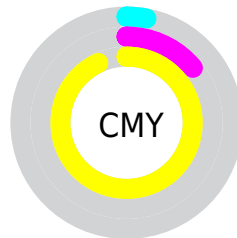


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (3%)



Cyan (3%)

Magenta (14%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.4580, -91.9238, 37.3093 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 204.4580, -91.9238, 37.3093 by changing the saturation by 10% instead.



204.4580,  
-91.9238, 37.3093

204.4580,  
-91.9238, 37.3093

255.0000, 0.0000,  
0.0000

176.7010,  
-87.1136, 34.4652

236.6460,  
-70.3245, 16.0965

152.4690,  
-75.1672, 29.4067

240.0660,  
-57.2205, 13.0971

127.6500,  
-62.9315, 24.8629

243.3720,  
-44.5534, 10.1978

104.3040,  
-51.4219, 19.9044

246.6780,  
-31.8863, 7.2984

81.5450, -40.2017,  
14.4310

250.0980,  
-18.7823, 4.2991

59.9710, -29.5657,  
9.6724

253.5180, -5.6784,

39.2830, -19.3665,

1.2997

5.0138

■ 19.7690, -9.7461,  
-0.6744

■ 0.0000, 0.0000,  
0.0000

■ 204.4580,  
-91.9238, 37.3093

■ 204.4580,  
-91.9238, 37.3093

■ 201.2320,  
-99.2074, 40.1385

■ 209.0690,  
-81.8720, 33.2655

■ 213.5660,  
-72.2570, 29.3216

■ 218.1770,  
-62.2053, 25.2778

■ 222.7880,  
-52.1535, 21.2339

■ 227.3990,  
-42.1017, 17.1901

■ 231.8960,  
-32.4867, 13.2462

■ 236.5070,  
-22.4350, 9.2024

■ 241.1180,  
-12.3832, 5.1585

■ 245.6150, -2.7682,  
1.2146

# Harmonies

## Analogous

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



193.7830, -64.4760, 53.6873



204.4580, -91.9238, 37.3093



197.2980, -62.7579, -30.9563

# Triad

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



204.4580, -91.9238, 37.3093



178.7550, 37.5888, -156.7681



196.3000, 28.9391, 51.4799

# Complementary

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



204.4580, -91.9238, 37.3093



60.5420, 91.9238, -37.3093

# 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.



212.0500, 21.1744, 21.8812



204.4580, -91.9238, 37.3093



172.8850, 40.4827, -151.6201

# Square

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



204.4580, -91.9238, 37.3093



175.9050, 26.6688, -154.2687



160.5580, 46.5599, -140.8094



180.4900, 14.0554, 65.3453



# Rectangle

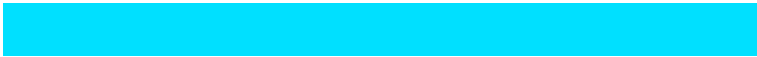
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.4580, -91.9238, 37.3093



182.1540, -31.1349, -93.9741



160.5580, 46.5599, -140.8094



202.7570, 25.7558, 45.8171

# Sweetspot

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



204.4580, -91.9238, 37.3093



241.6230, -28.4081, 11.7316



90.0050, -20.2155, 137.6846



119.4620, -17.4828, 7.4878



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.



204.4580, -91.9238, 37.3093



207.7330, -102.4124, 41.4532



195.7780, -87.6446, -28.7463



120.0450, -4.9522, 1.7145



151.2950, -74.5884, 30.4363



47.5780, -23.4560, 10.0171



# Inverse Universe

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



60.5420, 91.9238, -37.3093



47.2670, 102.4124, -41.4532



69.2220, 87.6446, 28.7463



112.5420, 4.6628, -2.2293



34.7050, 74.5884, -30.4363



10.8350, 23.7453, -9.5023



# Previews

## White Background



This preview shows how the YUV color 204.4580, -91.9238, 37.3093 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 204.4580, -91.9238, 37.3093 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 204.4580, -91.9238, 37.3093

## Background



This preview shows how black text looks on a background with the YUV color 204.4580, -91.9238, 37.3093.



This preview shows how white text looks on a background with the YUV color 204.4580, -91.9238, 37.3093.



# 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

204.4580, -91.9238, 37.3093

### Protanopia

204.4580, -91.9238, 37.3093

### Deuteranopia

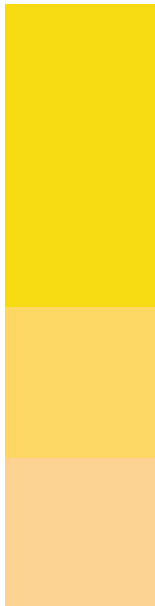
217.2190, -35.6040, 33.1339



## Tritanopia

222.1330, -1.5446, 28.8244

# Trichromacy



## Original Color

204.4580, -91.9238, 37.3093

## Protanomaly

204.4580, -91.9238, 37.3093

## Deuteranomaly

212.8390, -56.1226, 34.3442

## Tritanomaly

215.8490, -34.4356, 31.7044

# Monochromacy



## Original Color

204.4580, -91.9238, 37.3093

## Achromatopsia

204.0000, 0.0000, 0.0000

## Achromatomaly

203.9670, -33.5077, 14.0609

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.4580, -91.9238, 37.3093 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(247, 219, 18)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 18)  
}
```

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(247, 219, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 18) }
```

## Border

The CSS property to change the border of an element to YUV 204.4580, -91.9238, 37.3093 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(247, 219, 18) }
```



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

```
.border{ border-color:rgb(247, 219, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 18);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
18) }
```

# Background

The CSS property to change the background color of an element to YUV 204.4580, -91.9238, 37.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 18) }
```

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

```
.background{ background-color: rgb(247,  
219, 18) }
```

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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