

# Converting Colors

YUV(187.5920, -44.6619,  
45.0848)

Have a look what the booklet for  
YUV(187.5920, -44.6619, 45.0848)  
contains.

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# Color

**YUV(187.5920, -44.6619,  
45.0848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFB361
RGB	239, 179, 97
RGB Percent	94%, 70%, 38%
CMY	0.0627, 0.2980, 0.6196
CMYK	0.00, 0.25, 0.59, 0.06
HSL	35°, 82%, 66%
HSV	35°, 59%, 94%
XYZ	53.8744, 51.4540, 18.4014
YIQ	187.5920, 62.0820, -12.7820

# Conversions

## Conversions Part 2

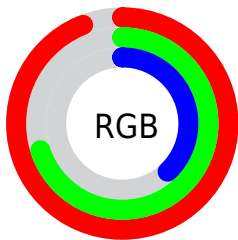
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 239, 97
Decimal	15709025
CIE <sub>Lab</sub>	76.95, 13.13, 49.69
CIE <sub>LCh</sub>	77, 51.395, 75.194
Yxy	51.4540, 0.4354, 0.4159
Android (android.graphics.Color)	4293899105 (0xFFEFB361)
YUV	187.5920, -44.6619, 45.0848
Hunter-Lab	71.7314, 8.5336, 35.0022

# Details

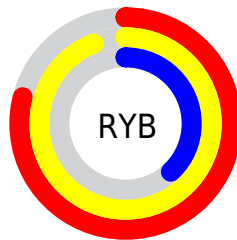
The YUV color **187.5920, -44.6619, 45.0848** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **148.4080, 44.6619, -45.0848**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2900, -40.0760, 20.7937**, and **133.0260, -42.9038, 41.1962** is the 20% darker color. If you saturate the color by 10%, you get **178.9860, -52.2511, 52.6323**, and if you desaturate by 10%, it is **196.1980, -37.0726, 37.5374**.

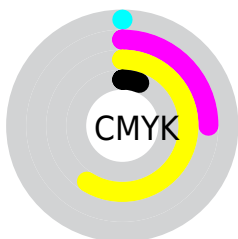
# Distribution



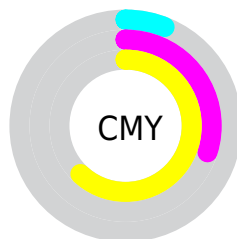
- Red (94%)
- Green (70%)
- Blue (38%)



- Red (79%)
- Yellow (94%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (59%)
- Black (6%)



- Cyan (6%)
- Magenta (30%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.5920, -44.6619, 45.0848 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 187.5920, -44.6619, 45.0848 by changing the saturation by 10% instead.



187.5920,  
-44.6619, 45.0848

187.5920,  
-44.6619, 45.0848

255.0000, 0.0000,  
0.0000

159.9230,  
-43.3460, 43.0405

231.2900,  
-40.0760, 20.7937

133.0260,  
-42.9038, 41.1962

246.1080,  
-34.0702, 7.7983

106.6020,  
-43.1878, 38.9370

249.3000,  
-21.8399, 4.9989

82.2640, -40.5562,  
34.8485

252.6060, -9.1728,  
2.0995

60.6900, -29.9202,  
30.0899

39.4040, -19.4262,  
24.2017

20.1890, -9.9532,

19.1282

■ 0.0000, 0.0000,  
0.0000

■ 187.5920,  
-44.6619, 45.0848

■ 187.5920,  
-44.6619, 45.0848

■ 178.9860,  
-52.2511, 52.6323

■ 196.1980,  
-37.0726, 37.5374

■ 170.3800,  
-59.8403, 60.1797

■ 204.8040,  
-29.4834, 29.9899

■ 161.7740,  
-67.4296, 67.7272

■ 213.4100,  
-21.8941, 22.4424

■ 153.1680,  
-75.0188, 75.2747

■ 222.0160,  
-14.3049, 14.8950

■ 152.4670,  
-75.1662, 75.8894

■ 230.5080, -7.1524,  
7.4475

■ 239.7010, 0.1474,  
-0.6148

■ 247.2810, 3.8055,  
-7.2624

■ 250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



185.5890, -29.8704, 60.8734



187.5920, -44.6619, 45.0848



183.6000, -43.6798, 9.9978

# Triad

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



187.5920, -44.6619, 45.0848



150.4870, 30.8189, -131.9771



194.9610, 29.5992, 26.3442

# Complementary

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



187.5920, -44.6619, 45.0848



148.4080, 44.6619, -45.0848

# 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.



185.4830, 34.2719, -25.8566



187.5920, -44.6619, 45.0848



152.9270, 50.3220, -134.1170

# Square

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



187.5920, -44.6619, 45.0848



164.0590, -0.0291, -84.2437



157.5110, 48.0621, -109.1961



191.2670, 12.1934, 55.8938



# Rectangle

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



187.5920, -44.6619, 45.0848



179.8400, -34.4311, -16.5227



157.5110, 48.0621, -109.1961



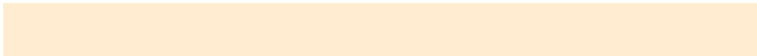
192.5030, 30.8110, 10.9599

# Sweetspot

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



187.5920, -44.6619, 45.0848



238.6030, -14.5943, 14.3802



146.5260, 6.1497, 81.0997



117.6500, -9.1945, 9.0769



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.



187.5920, -44.6619, 45.0848



189.7540, -57.0667, 57.2207



220.1210, -60.6987, 8.6639



115.6970, -3.7946, 3.7737



117.2380, -57.7983, 58.5503



35.5280, -17.5153, 17.9539



# Inverse Universe

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



148.4080, 44.6619, -45.0848



139.2460, 57.0667, -57.2207



115.8790, 60.6987, -8.6639



112.3030, 3.7946, -3.7737



66.7620, 57.7983, -58.5503



20.4720, 17.5153, -17.9539



# Previews

## White Background



This preview shows how the YUV color 187.5920, -44.6619, 45.0848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

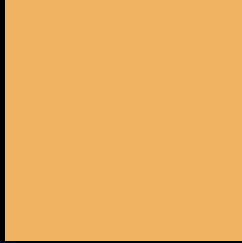
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 187.5920, -44.6619, 45.0848 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 187.5920, -44.6619, 45.0848

## Background



This preview shows how black text looks on a background with the YUV color 187.5920, -44.6619, 45.0848.



This preview shows how white text looks on a background with the YUV color 187.5920, -44.6619, 45.0848.

45.0848.

# 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

187.5920, -44.6619, 45.0848

### Protanopia

185.8340, -41.8232, 21.1936

### Deuteranopia

187.1570, -44.9404, 41.0813



## Tritanopia

193.5050, -5.6720, 46.0381

# Trichromacy



## Original Color

187.5920, -44.6619, 45.0848

## Protanomaly

186.6610, -42.7239, 30.1153

## Deuteranomaly

187.1680, -44.9458, 42.8257

## Tritanomaly

191.4220, -19.9280, 45.2339

# Monochromacy



## Original Color

187.5920, -44.6619, 45.0848

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

188.1580, -16.3469, 16.5244

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.5920, -44.6619, 45.0848 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, 179, 97)` looks like.

```
.text, #text, p{  
    color:rgb(239, 179, 97)  
}
```

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, 179, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 179, 97) }
```

## Border

The CSS property to change the border of an element to YUV 187.5920, -44.6619, 45.0848 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, 179, 97) }
```



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

```
.border{ border-color:rgb(239, 179, 97) }
```

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

Here you see how a box with a 4 pixel rgb(239, 179, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 179, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 179, 97);  
box-shadow:4px 4px 4px 4px rgb(239, 179,  
97) }
```

# Background

The CSS property to change the background color of an element to YUV 187.5920, -44.6619, 45.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 179, 97) }
```

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

```
.background{ background-color: rgb(239,  
179, 97) }
```

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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