

# Converting Colors

YUV(199.3190, -44.0343,  
30.4152)

Have a look what the booklet for  
YUV(199.3190, -44.0343, 30.4152)  
contains.

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# Color

**YUV(199.3190, -44.0343,  
30.4152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAC76E
RGB	234, 199, 110
RGB Percent	92%, 78%, 43%
CMY	0.0824, 0.2196, 0.5686
CMYK	0.00, 0.15, 0.53, 0.08
HSL	43°, 75%, 67%
HSV	43°, 53%, 92%
XYZ	57.1696, 59.4651, 23.2166
YIQ	199.3190, 49.4290, -20.2590

# Conversions

## Conversions Part 2

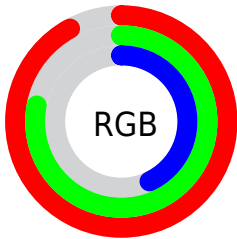
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 234, 110
Decimal	15386478
CIELab	81.55, 1.61, 48.70
CIELCh	82, 48.726, 88.112
Yxy	59.4651, 0.4088, 0.4252
Android (android.graphics.Color)	4293576558 (0xFFEAC76E)
YUV	199.3190, -44.0343, 30.4152
Hunter-Lab	77.1136, -2.6145, 36.1291

# Details

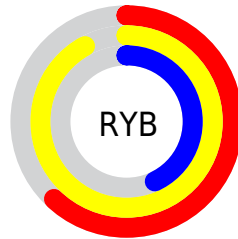
The YUV color **199.3190, -44.0343, 30.4152** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **144.6810, 44.0343, -30.4152**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5120, -40.1854, 9.1980**, and **144.4650, -42.1342, 27.6562** is the 20% darker color. If you saturate the color by 10%, you get **192.5880, -52.0549, 36.3183**, and if you desaturate by 10%, it is **206.0500, -36.0136, 24.5122**.

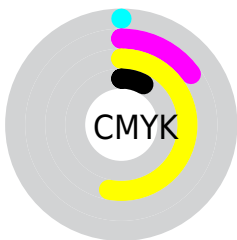
# Distribution



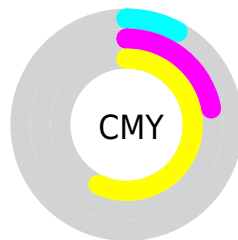
- Red (92%)
- Green (78%)
- Blue (43%)



- Red (62%)
- Yellow (92%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.3190, -44.0343, 30.4152 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 199.3190, -44.0343, 30.4152 by changing the saturation by 10% instead.



199.3190,  
-44.0343, 30.4152

199.3190,  
-44.0343, 30.4152

255.0000, 0.0000,  
0.0000

171.8350,  
-43.3027, 29.0857

244.5120,  
-40.1854, 9.1980

144.4650,  
-42.1342, 27.6562

247.7040,  
-27.9551, 6.3986

118.1550,  
-41.9814, 25.2971

250.8960,  
-15.7247, 3.5992

91.7590, -44.7442,  
24.7674

254.2020, -3.0576,  
0.6998

70.0710, -34.5450,  
20.1087

49.3830, -24.3458,  
15.4501

29.2820, -14.4360,

10.2767

■ 6.2350, -3.0739,  
5.9329

■ 0.0000, 0.0000,  
0.0000

■ 199.3190,  
-44.0343, 30.4152

■ 199.3190,  
-44.0343, 30.4152

■ 192.5880,  
-52.0549, 36.3183

■ 206.0500,  
-36.0136, 24.5122

■ 186.3300,  
-60.8017, 41.8066

■ 212.3080,  
-27.2668, 19.0239

■ 179.5990,  
-68.8223, 47.7097

■ 219.0390,  
-19.2462, 13.1208

■ 173.3410,  
-77.5691, 53.1979

■ 225.2970,  
-10.4994, 7.6325

■ 168.5820,  
-83.1109, 57.3716

■ 232.0280, -2.4788,  
1.7294

■ 238.7590, 5.5418,  
-4.1736

■ 242.8510, 5.9895,  
-7.7623

■ 246.9600, 3.9637,  
-11.3659

■ 248.7210, 3.0955,  
-12.9103

# Harmonies

## Analogous

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



198.0300, -35.5108, 49.9627



199.3190, -44.0343, 30.4152



194.9230, -36.9370, -6.0715

# Triad

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



199.3190, -44.0343, 30.4152



160.4780, 41.1763, -140.7392



207.6980, 21.8409, 41.4839

# Complementary

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



199.3190, -44.0343, 30.4152



144.6810, 44.0343, -30.4152

# 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.



202.4710, 25.8968, 0.4639



199.3190, -44.0343, 30.4152



158.2100, 47.7175, -138.7502

# Square

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



199.3190, -44.0343, 30.4152



171.6790, 12.9763, -102.3275



188.5410, 32.7643, -55.7255



197.2850, 4.7895, 50.6161



# Rectangle

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



199.3190, -44.0343, 30.4152



189.9610, -24.6308, -33.2918



188.5410, 32.7643, -55.7255



207.0880, 23.6206, 30.6178

# Sweetspot

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



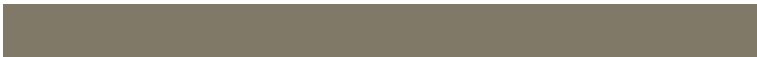
199.3190, -44.0343, 30.4152



243.2820, -14.4360, 10.2767



151.0660, -2.9905, 72.7331



121.0410, -8.8942, 6.1030



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.



199.3190, -44.0343, 30.4152



209.4160, -57.8861, 39.9772



211.7910, -50.1830, -4.2017



113.9850, -3.9366, 2.6442



130.4290, -64.3015, 44.3508



38.4520, -18.9568, 13.6356



# Inverse Universe

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



144.6810, 44.0343, -30.4152



137.5840, 57.8861, -39.9772



132.2090, 50.1830, 4.2017



109.0150, 3.9366, -2.6442



50.5710, 64.3015, -44.3508



14.9610, 19.2462, -13.1208



# Previews

## White Background



This preview shows how the YUV color 199.3190, -44.0343, 30.4152 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

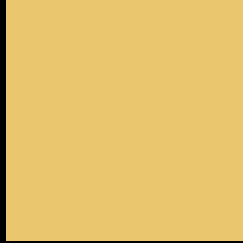
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 199.3190, -44.0343, 30.4152 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 199.3190, -44.0343, 30.4152

## Background



This preview shows how black text looks on a background with the YUV color 199.3190, -44.0343, 30.4152.



This preview shows how white text looks on a background with the YUV color 199.3190, -44.0343, 30.4152.



# 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

199.3190, -44.0343, 30.4152

### Protanopia

198.4920, -43.1336, 21.4935

### Deuteranopia

200.0970, -43.9248, 42.0109



## Tritanopia

205.8560, -1.4080, 31.6983

# Trichromacy



## Original Color

199.3190, -44.0343, 30.4152

## Protanomaly

199.1010, -43.4338, 24.4674

## Deuteranomaly

199.7760, -43.7666, 37.9074

## Tritanomaly

203.4310, -16.9745, 31.1940

# Monochromacy



## Original Color

199.3190, -44.0343, 30.4152

## Achromatopsia

199.0000, 0.0000, 0.0000

## Achromatomaly

199.2390, -15.8938, 11.1914

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.3190, -44.0343, 30.4152 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(234, 199, 110)` looks like.

```
.text, #text, p{  
    color:rgb(234, 199, 110)  
}
```

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(234, 199, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 199, 110) }
```

## Border

The CSS property to change the border of an element to YUV 199.3190, -44.0343, 30.4152 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(234, 199, 110) }
```



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

```
.border{ border-color:rgb(234, 199, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 199, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 199, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 199, 110);  
box-shadow:4px 4px 4px 4px rgb(234, 199,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 199.3190, -44.0343, 30.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 199, 110) }
```

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

```
.background{ background-color: rgb(234,  
199, 110) }
```

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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