

Converting Colors

YUV(190.8330, -33.4417,
39.6115)

Have a look what the booklet for
YUV(190.8330, -33.4417, 39.6115)
contains.

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Color

**YUV(190.8330, -33.4417,
39.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB57B
RGB	236, 181, 123
RGB Percent	93%, 71%, 48%
CMY	0.0745, 0.2902, 0.5176
CMYK	0.00, 0.23, 0.48, 0.07
HSL	31°, 75%, 70%
HSV	31°, 48%, 93%
XYZ	54.6911, 52.3107, 25.9533
YIQ	190.8330, 51.3980, -6.3780

Conversions

Conversions Part 2

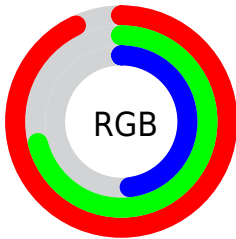
Format	Color
R _Y B	230, 236, 123
Decimal	15512955
CIE Lab	77.47, 13.00, 37.14
CIE LCh	77, 39.354, 70.706
Yxy	52.3107, 0.4114, 0.3934
Android (android.graphics.Color)	4293703035 (0xFFECB57B)
YUV	190.8330, -33.4417, 39.6115
Hunter-Lab	72.3261, 8.4063, 29.3528

Details

The YUV color **190.8330, -33.4417, 39.6115** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **168.1670, 33.4417, -39.6115**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.4280, -29.2980, 17.1646**, and **136.6800, -31.3942, 36.2376** is the 20% darker color. If you saturate the color by 10%, you get **181.6400, -40.7415, 47.6737**, and if you desaturate by 10%, it is **200.0260, -26.1418, 31.5492**.

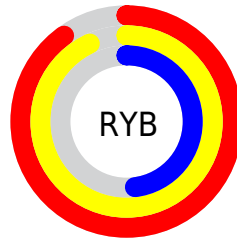
Distribution



Red (93%)

Green (71%)

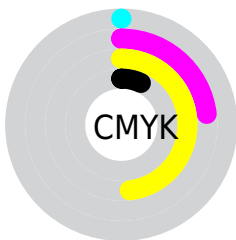
Blue (48%)



Red (90%)

Yellow (93%)

Blue (48%)

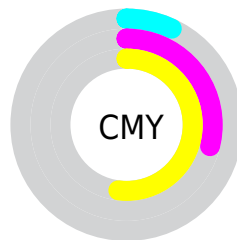


Cyan (0%)

Magenta (23%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8330, -33.4417, 39.6115 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 190.8330, -33.4417, 39.6115 by changing the saturation by 10% instead.

190.8330,
-33.4417, 39.6115

190.8330,
-33.4417, 39.6115

255.0000, 0.0000,
0.0000

163.4630,
-32.2733, 38.1819

235.4280,
-29.2980, 17.1646

136.6800,
-31.3942, 36.2376

249.1860,
-22.2767, 5.0989

110.5980,
-30.3678, 33.6786

252.3780,
-10.0464, 2.2995

85.8150, -29.4888,
31.7342

61.3910, -29.7728,
29.4751

40.5890, -20.0104,
24.9164

21.0750, -10.3900,

19.2282

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 190.8330,
-33.4417, 39.6115

■ 190.8330,
-33.4417, 39.6115

■ 181.6400,
-40.7415, 47.6737

■ 200.0260,
-26.1418, 31.5492

■ 171.9740,
-47.3152, 56.1508

■ 209.6920,
-19.5682, 23.0721

■ 162.7810,
-54.6150, 64.2131

■ 218.8850,
-12.2683, 15.0099

■ 153.1150,
-61.1887, 72.6901

■ 228.5510, -5.6946,
6.5328

■ 143.9220,
-68.4885, 80.7524

■ 237.7440, 1.6052,
-1.5295

■ 141.5910,
-69.8044, 82.7967

■ 246.3840, 4.2477,
-9.1068

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



192.0920, -22.7234, 55.1703



190.8330, -33.4417, 39.6115



187.5540, -33.7971, 13.5461

Triad

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



190.8330, -33.4417, 39.6115



168.0430, 17.7268, -85.9837



195.7440, 25.2692, 15.1335

Complementary

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



190.8330, -33.4417, 39.6115



168.1670, 33.4417, -39.6115

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.



188.7390, 32.6667, -24.3271



190.8330, -33.4417, 39.6115



165.0640, 35.9574, -100.0341

Square

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



190.8330, -33.4417, 39.6115



176.8890, -5.3683, -51.6457



177.5440, 38.1858, -68.0061



196.2180, 9.7525, 45.4128

Rectangle

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



190.8330, -33.4417, 39.6115



184.8010, -28.4959, -6.8415



177.5440, 38.1858, -68.0061



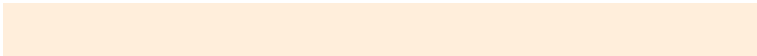
194.6930, 29.2384, 2.0232

Sweetspot

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



190.8330, -33.4417, 39.6115



240.9170, -10.8051, 12.3508



163.1710, 7.8037, 63.8710



119.0350, -6.4263, 7.8623



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.



190.8330, -33.4417, 39.6115



196.7930, -42.7889, 51.0475



223.1180, -49.3582, 11.2975



112.8110, -3.3578, 3.6738



108.7100, -53.5940, 63.3983



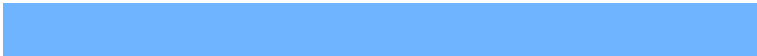
31.9950, -15.7735, 19.2984

Inverse Universe

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



168.1670, 33.4417, -39.6115



167.6200, 43.0783, -50.5327



135.8820, 49.3582, -11.2975



110.1890, 3.3578, -3.6738



72.2900, 53.5940, -63.3983



21.4180, 16.0629, -18.7836

Previews

White Background



This preview shows how the YUV color 190.8330, -33.4417, 39.6115 looks on a white background.

Color Contrast Check

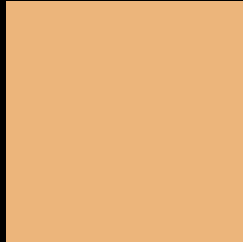
Large Text (above 18pt) WCAG AA × Fail

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 190.8330, -33.4417, 39.6115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

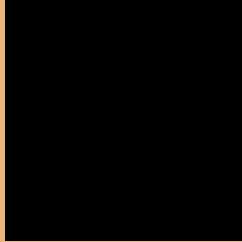
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.8330, -33.4417, 39.6115

Background



This preview shows how black text looks on a background with the YUV color 190.8330, -33.4417, 39.6115.



This preview shows how white text looks on a background with the YUV color 190.8330, -33.4417, 39.6115.

39.6115.

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

190.8330, -33.4417, 39.6115

Protanopia

189.3740, -30.7504, 16.3350

Deuteranopia

190.5120, -33.2834, 35.5080



Tritanopia

195.1130, -4.4927, 41.1199

Trichromacy



Original Color

190.8330, -33.4417, 39.6115

Protanomaly

189.9020, -31.5037, 24.6419

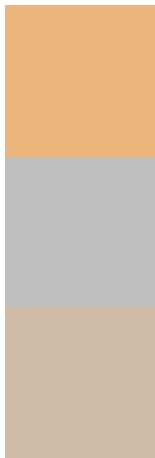
Deuteranomaly

190.5230, -33.2888, 37.2523

Tritanomaly

193.6540, -15.1124, 40.6454

Monochromacy



Original Color

190.8330, -33.4417, 39.6115

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.5860, -12.1209, 14.3951

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8330, -33.4417, 39.6115 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(236, 181, 123)` looks like.

```
.text, #text, p{  
    color:rgb(236, 181, 123)  
}
```

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(236, 181, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 181, 123) }
```

Border

The CSS property to change the border of an element to YUV 190.8330, -33.4417, 39.6115 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(236, 181, 123) }
```


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

```
.border{ border-color:rgb(236, 181, 123) }
```

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

Here you see how a box with a 4 pixel rgb(236, 181, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 181, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 181, 123);  
box-shadow:4px 4px 4px 4px rgb(236, 181,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 190.8330, -33.4417, 39.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 181, 123) }
```

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

```
.background{ background-color: rgb(236,  
181, 123) }
```

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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