

Converting Colors

YUV(190.5110, -48.5659,
37.2629)

Have a look what the booklet for
YUV(190.5110, -48.5659, 37.2629)
contains.

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Color

**YUV(190.5110, -48.5659,
37.2629)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BC5C
RGB	233, 188, 92
RGB Percent	91%, 74%, 36%
CMY	0.0863, 0.2627, 0.6392
CMYK	0.00, 0.19, 0.61, 0.09
HSL	41°, 76%, 64%
HSV	41°, 61%, 91%
XYZ	53.5193, 54.0628, 17.7396
YIQ	190.5110, 57.6360, -20.3160

Conversions

Conversions Part 2

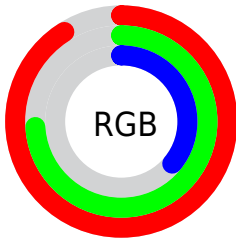
Format	Color
RYB	158, 233, 92
Decimal	15318108
CIELab	78.50, 5.56, 53.69
CIELCh	78, 53.982, 84.085
Yxy	54.0628, 0.4271, 0.4314
Android (android.graphics.Color)	4293508188 (0xFFE9BC5C)
YUV	190.5110, -48.5659, 37.2629
Hunter-Lab	73.5274, 1.2540, 37.1646

Details

The YUV color **190.5110, -48.5659, 37.2629** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **134.4890, 48.5659, -37.2629**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0030, -44.8645, 16.6604**, and **135.8310, -47.2447, 33.4742** is the 20% darker color. If you saturate the color by 10%, you get **183.7800, -56.5865, 43.1659**, and if you desaturate by 10%, it is **197.2420, -40.5453, 31.3598**.

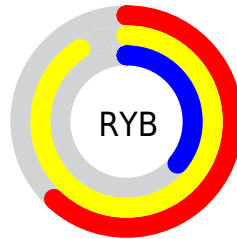
Distribution



Red (91%)

Green (74%)

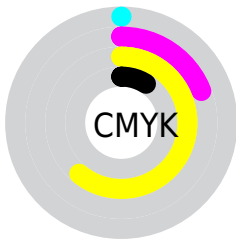
Blue (36%)



Red (62%)

Yellow (91%)

Blue (36%)

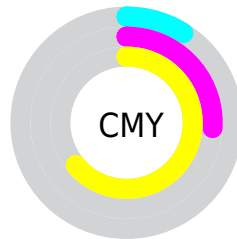


Cyan (0%)

Magenta (19%)

Yellow (61%)

Black (9%)



Cyan (9%)

Magenta (26%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5110, -48.5659, 37.2629 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 190.5110, -48.5659, 37.2629 by changing the saturation by 10% instead.

190.5110,
-48.5659, 37.2629

190.5110,
-48.5659, 37.2629

255.0000, 0.0000,
0.0000

162.7280,
-47.6869, 35.3185

236.0030,
-44.8645, 16.6604

135.8310,
-47.2447, 33.4742

245.6520,
-35.8174, 8.1982

108.6090,
-50.5862, 31.9149

248.8440,
-23.5871, 5.3988

85.4650, -42.1342,
27.6562

252.0360,
-11.3567, 2.5994

63.8910, -31.4983,
22.8976

42.9040, -21.1517,
17.6242

23.6890, -11.6787,

12.5507

■ 0.0000, 0.0000,
0.0000

■ 190.5110,
-48.5659, 37.2629

■ 190.5110,
-48.5659, 37.2629

■ 183.7800,
-56.5865, 43.1659

■ 197.2420,
-40.5453, 31.3598

■ 176.3480,
-64.7546, 49.6838

■ 204.6740,
-32.3773, 24.8419

■ 169.6170,
-72.7752, 55.5869

■ 211.4050,
-24.3567, 18.9388

■ 163.0000,
-80.3590, 61.3900

■ 218.7230,
-16.6254, 12.5209

■ 225.5680, -8.1680,
6.5179

■ 232.8860, -0.4368,
0.1000

■ 239.6170, 7.5838,
-5.8031

■ 243.7260, 5.5581,
-9.4067

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



189.0310, -36.9903, 57.8548



190.5110, -48.5659, 37.2629



186.0500, -42.9156, -1.7978

Triad

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



190.5110, -48.5659, 37.2629



155.2290, 38.8341, -136.1358



200.2510, 26.4983, 40.9989

Complementary

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



190.5110, -48.5659, 37.2629



134.4890, 48.5659, -37.2629

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.



192.3820, 30.8707, -8.2280



190.5110, -48.5659, 37.2629



154.6880, 49.4538, -135.6614

Square

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



190.5110, -48.5659, 37.2629



149.3010, 16.1206, -130.9370



170.9660, 41.4288, -81.5312



189.5400, 8.1148, 57.4084

Rectangle

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



190.5110, -48.5659, 37.2629



180.8920, -30.0198, -31.4773



170.9660, 41.4288, -81.5312



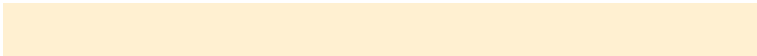
198.5050, 27.8520, 26.7441

Sweetspot

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



190.5110, -48.5659, 37.2629



240.9510, -15.7518, 12.3210



139.5170, -0.2549, 81.9846



119.4110, -10.0626, 7.5326



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.



190.5110, -48.5659, 37.2629



199.1630, -64.1704, 48.9690



210.0490, -58.1982, -0.0430



113.9850, -3.9366, 2.6442



126.3200, -62.2758, 47.9544



37.2780, -18.3781, 14.6652

Inverse Universe

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



134.4890, 48.5659, -37.2629



124.8370, 64.1704, -48.9690



114.9510, 58.1982, 0.0430



109.0150, 3.9366, -2.6442



54.6800, 62.2758, -47.9544



16.1350, 18.6674, -14.1504

Previews

White Background



This preview shows how the YUV color 190.5110, -48.5659, 37.2629 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 190.5110, -48.5659, 37.2629 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 190.5110, -48.5659, 37.2629

Background



This preview shows how black text looks on a background with the YUV color 190.5110, -48.5659, 37.2629.



This preview shows how white text looks on a background with the YUV color 190.5110, -48.5659, 37.2629.

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

190.5110, -48.5659, 37.2629

Protanopia

189.4660, -47.0647, 22.3933

Deuteranopia

190.9570, -48.2928, 43.0107



Tritanopia

197.7320, -3.3189, 37.9460

Trichromacy



Original Color

190.5110, -48.5659, 37.2629

Protanomaly

189.6840, -47.6652, 28.3411

Deuteranomaly

190.6470, -48.1400, 40.6516

Tritanomaly

195.0790, -19.7589, 37.6417

Monochromacy



Original Color

190.5110, -48.5659, 37.2629

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.7940, -17.6464, 13.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5110, -48.5659, 37.2629 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(233, 188, 92)` looks like.

```
.text, #text, p{  
    color:rgb(233, 188, 92)  
}
```

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(233, 188, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 188, 92) }
```

Border

The CSS property to change the border of an element to YUV 190.5110, -48.5659, 37.2629 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(233, 188, 92) }
```


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

```
.border{ border-color:rgb(233, 188, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 188, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 188, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 188, 92);  
box-shadow:4px 4px 4px 4px rgb(233, 188,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 190.5110, -48.5659, 37.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 188, 92) }
```

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

```
.background{ background-color: rgb(233,  
188, 92) }
```

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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