

Converting Colors

YUV(181.5810, -48.1074,
30.1855)

Have a look what the booklet for
YUV(181.5810, -48.1074, 30.1855)
contains.

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Color

**YUV(181.5810, -48.1074,
30.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B754
RGB	216, 183, 84
RGB Percent	85%, 72%, 33%
CMY	0.1529, 0.2824, 0.6706
CMYK	0.00, 0.15, 0.61, 0.15
HSL	45°, 63%, 59%
HSV	45°, 61%, 85%
XYZ	46.8526, 49.1060, 15.3965
YIQ	181.5810, 51.4470, -23.7930

Conversions

Conversions Part 2

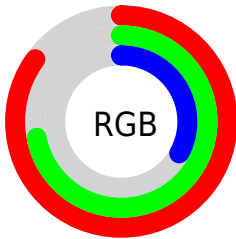
Format	Color
RYB	128, 216, 84
Decimal	14202708
CIELab	75.52, 0.50, 53.59
CIELCh	76, 53.595, 89.462
Yxy	49.1060, 0.4207, 0.4410
Android (android.graphics.Color)	4292392788 (0xFFD8B754)
YUV	181.5810, -48.1074, 30.1855
Hunter-Lab	70.0757, -3.2872, 36.0262

Details

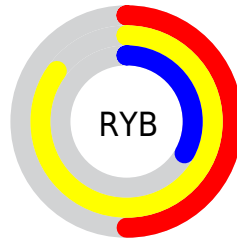
The YUV color **181.5810, -48.1074, 30.1855** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **118.4190, 48.1074, -30.1855**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1560, -46.9119, 20.0342**, and **127.0860, -47.3704, 27.1116** is the 20% darker color. If you saturate the color by 10%, you get **176.1380, -56.2700, 34.9590**, and if you desaturate by 10%, it is **187.0240, -39.9448, 25.4120**.

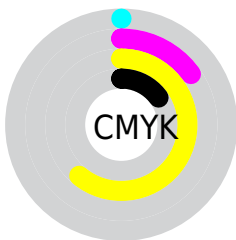
Distribution



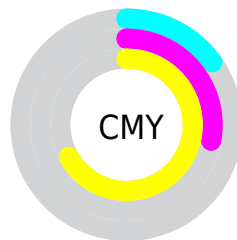
- Red (85%)
- Green (72%)
- Blue (33%)



- Red (50%)
- Yellow (85%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (61%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.5810, -48.1074, 30.1855 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 181.5810, -48.1074, 30.1855 by changing the saturation by 10% instead.

■ 181.5810,
-48.1074, 30.1855

■ 181.5810,
-48.1074, 30.1855

■ 255.0000, 0.0000,
0.0000

■ 154.0970,
-47.3758, 28.8559

■ 232.1560,
-46.9119, 20.0342

■ 127.0860,
-47.3704, 27.1116

■ 244.6260,
-39.7486, 9.0980

■ 100.5050,
-49.5490, 25.8671

■ 247.8180,
-27.5183, 6.2986

■ 78.3440, -38.6236,
21.6233

■ 251.0100,
-15.2879, 3.4992

■ 57.3570, -28.2770,
16.3499

■ 254.3160, -2.6208,
0.5999

■ 37.2560, -18.3672,
11.1765

■ 17.4540, -8.6048,

6.6178

0.0000, 0.0000,
0.0000

181.5810,
-48.1074, 30.1855

181.5810,
-48.1074, 30.1855

176.1380,
-56.2700, 34.9590

187.0240,
-39.9448, 25.4120

170.2220,
-63.7064, 40.1473

192.9400,
-32.5084, 20.2236

164.7790,
-71.8690, 44.9208

198.3830,
-24.3458, 15.4501

159.6780,
-78.7213, 49.3944

204.2990,
-16.9094, 10.2618

209.7420, -8.7468,
5.4883

■ 215.1850, -0.5842,
0.7148

■ 221.1010, 6.8522,
-4.4736

■ 226.3160, 14.1412,
-9.0471

■ 229.8380, 12.4049,
-12.1359

Harmonies

Analogous

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



184.7280, -40.7849, 61.6285



181.5810, -48.1074, 30.1855



176.3310, -39.1102, -9.0603

Triad

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



181.5810, -48.1074, 30.1855



149.8320, 41.0018, -131.4027



191.5570, 22.4034, 47.7465

Complementary

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



181.5810, -48.1074, 30.1855



118.4190, 48.1074, -30.1855

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.



186.8330, 33.6063, 1.0235



181.5810, -48.1074, 30.1855



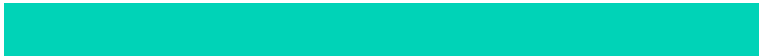
148.8180, 52.3477, -130.5134

Square

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



181.5810, -48.1074, 30.1855



144.7190, 18.8725, -126.9186



169.2930, 42.2536, -66.0320



182.3190, 3.2937, 63.7412

Rectangle

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



181.5810, -48.1074, 30.1855



170.9880, -25.6301, -39.4545



169.2930, 42.2536, -66.0320



191.8910, 29.1407, 33.4216

Sweetspot

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



181.5810, -48.1074, 30.1855



243.2990, -16.9094, 10.2618



127.2300, -5.0434, 77.8513



119.9980, -10.3520, 7.0178



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.



181.5810, -48.1074, 30.1855



206.2070, -67.6431, 42.7915



191.0850, -52.7929, -7.0905



103.9850, -3.9366, 2.6442



126.2650, -62.2486, 39.2326



32.2280, -15.8884, 9.4470

Inverse Universe

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



118.4190, 48.1074, -30.1855



117.2060, 67.9324, -42.2767



108.9150, 52.7929, 7.0905



99.0150, 3.9366, -2.6442



44.7350, 62.2486, -39.2326



11.3590, 15.5990, -9.9618

Previews

White Background



This preview shows how the YUV color 181.5810, -48.1074, 30.1855 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 181.5810, -48.1074, 30.1855 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 181.5810, -48.1074, 30.1855

Background



This preview shows how black text looks on a background with the YUV color 181.5810, -48.1074, 30.1855.



This preview shows how white text looks on a background with the YUV color 181.5810, -48.1074,

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

181.5810, -48.1074, 30.1855

Protanopia

180.7650, -47.2121, 23.0081

Deuteranopia

182.4730, -47.5612, 41.6812



Tritanopia

189.3290, -2.1342, 31.2835

Trichromacy



Original Color

181.5810, -48.1074, 30.1855

Protanomaly

181.0750, -47.3650, 25.3672

Deuteranomaly

182.0380, -47.8397, 37.6777

Tritanomaly

186.5620, -19.0111, 31.0791

Monochromacy



Original Color

181.5810, -48.1074, 30.1855

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.4840, -17.4936, 10.9765

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.5810, -48.1074, 30.1855 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(216, 183, 84)` looks like.

```
.text, #text, p{  
    color:rgb(216, 183, 84)  
}
```

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(216, 183, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 183, 84) }
```

Border

The CSS property to change the border of an element to YUV 181.5810, -48.1074, 30.1855 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(216, 183, 84) }
```


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

```
.border{ border-color:rgb(216, 183, 84) }
```

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

Here you see how a box with a 4 pixel rgb(216, 183, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 183, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 183, 84);  
box-shadow:4px 4px 4px 4px rgb(216, 183,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 181.5810, -48.1074, 30.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 183, 84) }
```

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

```
.background{ background-color: rgb(216,  
183, 84) }
```

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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