

Converting Colors

YUV(183.8410, -45.7706,
27.3264)

Have a look what the booklet for
YUV(183.8410, -45.7706, 27.3264)
contains.

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Color

**YUV(183.8410, -45.7706,
27.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BA5B
RGB	215, 186, 91
RGB Percent	84%, 73%, 36%
CMY	0.1569, 0.2706, 0.6431
CMYK	0.00, 0.13, 0.58, 0.16
HSL	46°, 61%, 60%
HSV	46°, 58%, 84%
XYZ	47.4716, 50.3202, 17.1083
YIQ	183.8410, 47.7790, -23.3970

Conversions

Conversions Part 2

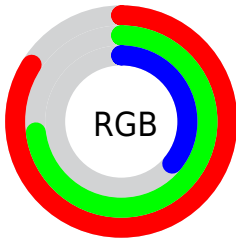
Format	Color
RYB	129, 215, 91
Decimal	14137947
CIELab	76.27, -0.99, 51.16
CIELCh	76, 51.165, 91.109
Yxy	50.3202, 0.4132, 0.4379
Android (android.graphics.Color)	4292328027 (0xFFD7BA5B)
YUV	183.8410, -45.7706, 27.3264
Hunter-Lab	70.9367, -4.6853, 35.3564

Details

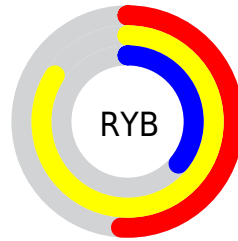
The YUV color **183.8410, -45.7706, 27.3264** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **122.1590, 45.7706, -27.3264**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7150, -44.7225, 17.7899**, and **129.4600, -44.5968, 24.1526** is the 20% darker color. If you saturate the color by 10%, you get **178.5120, -53.4964, 32.0000**, and if you desaturate by 10%, it is **189.2840, -37.6080, 22.5529**.

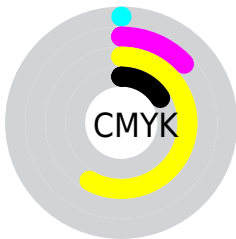
Distribution



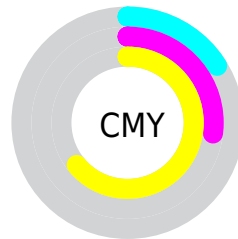
- Red (84%)
- Green (73%)
- Blue (36%)



- Red (51%)
- Yellow (84%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8410, -45.7706, 27.3264 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 183.8410, -45.7706, 27.3264 by changing the saturation by 10% instead.

■ 183.8410,
-45.7706, 27.3264

■ 183.8410,
-45.7706, 27.3264

255.0000, 0.0000,
0.0000

■ 156.3570,
-45.0390, 25.9969

■ 234.7150,
-44.7225, 17.7899

■ 129.4600,
-44.5968, 24.1526

■ 245.4240,
-36.6910, 8.3982

■ 102.7650,
-47.2121, 23.0081

■ 248.6160,
-24.4607, 5.5988

■ 79.8060, -39.3444,
19.4641

■ 251.9220,
-11.7935, 2.6994

■ 58.5310, -28.8558,
15.3203

■ 38.4300, -18.9460,
10.1469

■ 19.2150, -9.4730,

5.0734

■ 0.0000, 0.0000,
0.0000

■ 183.8410,
-45.7706, 27.3264

■ 183.8410,
-45.7706, 27.3264

■ 178.5120,
-53.4964, 32.0000

■ 189.2840,
-37.6080, 22.5529

■ 173.0690,
-61.6590, 36.7735

■ 194.6130,
-29.8822, 17.8794

■ 167.7400,
-69.3848, 41.4470

■ 200.0560,
-21.7196, 13.1059

■ 162.2970,
-77.5474, 46.2205

■ 205.3850,
-13.9938, 8.4324

■ 161.1400,
-79.4420, 47.2352

■ 210.8280, -5.8312,
3.6588

■ 216.1570, 1.8946,
-1.0147

■ 221.6000, 10.0572,
-5.7882

■ 226.0170, 14.2886,
-9.6619

■ 228.9520, 12.8417,
-12.2359

Harmonies

Analogous

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



186.9340, -39.9005, 57.9399



183.8410, -45.7706, 27.3264



178.8900, -36.9208, -11.3045

Triad

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



183.8410, -45.7706, 27.3264



150.6470, 41.5860, -132.1174



193.6880, 20.3668, 47.6316

Complementary

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



183.8410, -45.7706, 27.3264



122.1590, 45.7706, -27.3264

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.



189.8010, 32.1431, 3.6825



183.8410, -45.7706, 27.3264



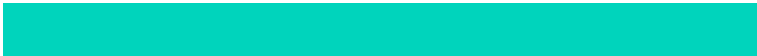
149.4050, 52.0583, -131.0282

Square

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



183.8410, -45.7706, 27.3264



145.8760, 20.7671, -127.9333



174.6640, 39.6056, -56.7103



185.1400, 1.4100, 61.2672

Rectangle

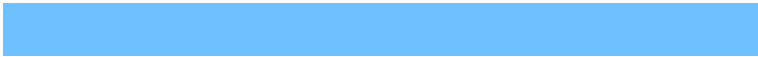
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.8410, -45.7706, 27.3264



173.6720, -23.0093, -40.0543



174.6640, 39.6056, -56.7103



193.6200, 26.8093, 34.5363

Sweetspot

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



183.8410, -45.7706, 27.3264



244.2280, -15.8884, 9.4470



131.6100, -4.7377, 73.1330



121.5140, -9.6204, 5.6882



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.



183.8410, -45.7706, 27.3264



210.8690, -65.0114, 38.7029



191.5950, -49.5933, -6.6608



104.5720, -4.2260, 2.1294



128.0260, -63.1168, 37.6882



32.2280, -15.8884, 9.4470

Inverse Universe

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



122.1590, 45.7706, -27.3264



123.1310, 65.0114, -38.7029



114.4050, 49.5933, 6.6608



99.0150, 3.9366, -2.6442



42.9740, 63.1168, -37.6882



10.7720, 15.8884, -9.4470

Previews

White Background



This preview shows how the YUV color 183.8410, -45.7706, 27.3264 looks on a white background.

Color Contrast Check

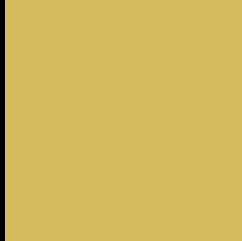
Large Text (above 18pt) WCAG AA × Fail

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 183.8410, -45.7706, 27.3264 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 183.8410, -45.7706, 27.3264

Background



This preview shows how black text looks on a background with the YUV color 183.8410, -45.7706, 27.3264.

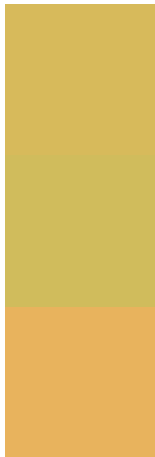


This preview shows how white text looks on a background with the YUV color 183.8410, -45.7706, 27.3264.

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

183.8410, -45.7706, 27.3264

Protanopia

183.0360, -44.8807, 21.8934

Deuteranopia

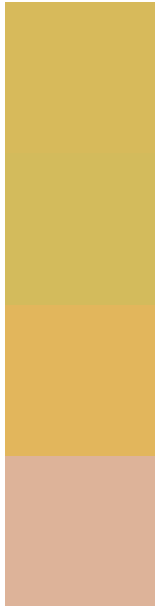
185.0430, -45.3772, 41.1813



Tritanopia

191.2470, -1.1078, 28.7244

Trichromacy



Original Color

183.8410, -45.7706, 27.3264

Protanomaly

183.3460, -45.0336, 24.2526

Deuteranomaly

184.8960, -45.7977, 36.0482

Tritanomaly

188.5940, -17.5478, 28.4201

Monochromacy



Original Color

183.8410, -45.7706, 27.3264

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.0000, -16.7620, 9.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8410, -45.7706, 27.3264 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(215, 186, 91)` looks like.

```
.text, #text, p{  
    color:rgb(215, 186, 91)  
}
```

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(215, 186, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 186, 91) }
```

Border

The CSS property to change the border of an element to YUV 183.8410, -45.7706, 27.3264 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(215, 186, 91) }
```


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

```
.border{ border-color:rgb(215, 186, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 186, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 186, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 186, 91);  
box-shadow:4px 4px 4px 4px rgb(215, 186,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 183.8410, -45.7706, 27.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 186, 91) }
```

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

```
.background{ background-color: rgb(215,  
186, 91) }
```

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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