

Converting Colors

YUV(180.6080, -45.6557,
37.1778)

Have a look what the booklet for
YUV(180.6080, -45.6557, 37.1778)
contains.

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Color

**YUV(180.6080, -45.6557,
37.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB158
RGB	223, 177, 88
RGB Percent	87%, 69%, 35%
CMY	0.1255, 0.3059, 0.6549
CMYK	0.00, 0.21, 0.61, 0.13
HSL	40°, 68%, 61%
HSV	40°, 61%, 87%
XYZ	47.9150, 47.8368, 15.9406
YIQ	180.6080, 55.9850, -17.9270

Conversions

Conversions Part 2

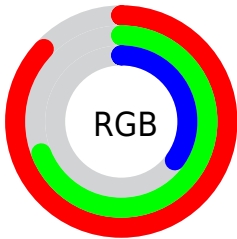
Format	Color
RYB	158, 223, 88
Decimal	14659928
CIELab	74.72, 6.89, 51.01
CIElCh	75, 51.472, 82.302
Yxy	47.8368, 0.4290, 0.4283
Android (android.graphics.Color)	4292850008 (0xFFDFB158)
YUV	180.6080, -45.6557, 37.1778
Hunter-Lab	69.1642, 2.6225, 34.7501

Details

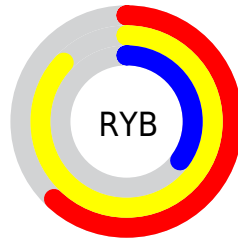
The YUV color **180.6080, -45.6557, 37.1778** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **130.3920, 45.6557, -37.1778**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5030, -43.1390, 23.2379**, and **126.8140, -44.7713, 33.4891** is the 20% darker color. If you saturate the color by 10%, you get **173.4040, -52.9502, 43.4957**, and if you desaturate by 10%, it is **187.8120, -38.3613, 30.8599**.

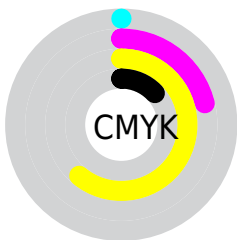
Distribution



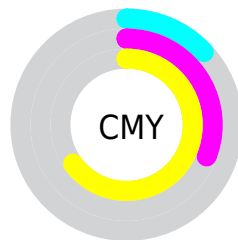
- Red (87%)
- Green (69%)
- Blue (35%)



- Red (62%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (21%)
- Yellow (61%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6080, -45.6557, 37.1778 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 180.6080, -45.6557, 37.1778 by changing the saturation by 10% instead.

180.6080,
-45.6557, 37.1778

180.6080,
-45.6557, 37.1778

255.0000, 0.0000,
0.0000

152.8250,
-44.7767, 35.2335

228.5030,
-43.1390, 23.2379

126.8140,
-44.7713, 33.4891

245.0820,
-38.0014, 8.6981

99.8200, -47.2393,
31.7299

248.2740,
-25.7711, 5.8987

76.9040, -37.9137,
27.2712

251.4660,
-13.5407, 3.0993

55.9170, -27.5671,
21.9978

254.7720, -0.8736,
0.2000

35.8160, -17.6573,
16.8244

15.7260, -7.7529,

13.3953

■ 0.0000, 0.0000,
0.0000

■ 180.6080,
-45.6557, 37.1778

■ 180.6080,
-45.6557, 37.1778

■ 173.4040,
-52.9502, 43.4957

■ 187.8120,
-38.3613, 30.8599

■ 166.6730,
-60.9708, 49.3988

■ 194.5430,
-30.3407, 24.9568

■ 159.4690,
-68.2652, 55.7167

■ 201.7470,
-23.0463, 18.6389

■ 152.9660,
-75.4122, 61.4198

■ 208.3640,
-15.4625, 12.8358

■ 215.6820, -7.7312,
6.4179

■ 222.8860, -0.4368,
0.1000

■ 229.5030, 7.1470,
-5.7031

■ 235.4530, 9.6367,
-10.9213

■ 239.5620, 7.6109,
-14.5249

Harmonies

Analogous

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



182.7050, -35.8436, 63.4027



180.6080, -45.6557, 37.1778



176.2290, -41.0319, 0.6762

Triad

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



180.6080, -45.6557, 37.1778



146.9480, 35.0286, -128.8734



189.4030, 25.9303, 36.4806

Complementary

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



180.6080, -45.6557, 37.1778



130.3920, 45.6557, -37.1778

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.



182.6140, 35.6863, -12.8165



180.6080, -45.6557, 37.1778



148.2310, 52.6371, -129.9986

Square

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



180.6080, -45.6557, 37.1778



146.5700, 11.5510, -111.8789



161.8070, 45.9441, -83.1457



184.5190, 6.6461, 61.8118

Rectangle

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



180.6080, -45.6557, 37.1778



171.6260, -29.8886, -26.8590



161.8070, 45.9441, -83.1457



188.9110, 32.0889, 21.1261

Sweetspot

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



180.6080, -45.6557, 37.1778



240.3640, -15.4625, 12.8358



133.7230, 0.6296, 78.2959



118.8240, -9.7732, 8.0474



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.



180.6080, -45.6557, 37.1778



196.8150, -63.0128, 51.0282



201.6300, -56.0196, 1.2015



108.3980, -3.6472, 3.1590



120.7160, -59.5130, 48.4841



33.1360, -16.3360, 13.0357

Inverse Universe

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



130.3920, 45.6557, -37.1778



127.1850, 63.0128, -51.0282



109.3700, 56.0196, -1.2015



104.6020, 3.6472, -3.1590



55.2840, 59.5130, -48.4841



15.4510, 16.0467, -13.5505

Previews

White Background



This preview shows how the YUV color 180.6080, -45.6557, 37.1778 looks on a white background.

Color Contrast Check

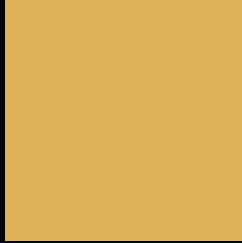
Large Text (above 18pt) WCAG AA × Fail

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 180.6080, -45.6557, 37.1778 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 180.6080, -45.6557, 37.1778

Background



This preview shows how black text looks on a background with the YUV color 180.6080, -45.6557, 37.1778.



This preview shows how white text looks on a background with the YUV color 180.6080, -45.6557, 37.1778.

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

180.6080, -45.6557, 37.1778

Protanopia

179.2640, -44.0072, 21.6935

Deuteranopia

180.6300, -45.6666, 40.6665



Tritanopia

187.3190, -3.6083, 37.4312

Trichromacy



Original Color

180.6080, -45.6557, 37.1778

Protanomaly

179.4820, -44.6076, 27.6413

Deuteranomaly

180.9180, -45.8086, 39.5369

Tritanomaly

185.0080, -18.7379, 36.8270

Monochromacy



Original Color

180.6080, -45.6557, 37.1778

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0220, -16.7728, 13.1357

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6080, -45.6557, 37.1778 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(223, 177, 88)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 88)  
}
```

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(223, 177, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 88) }
```

Border

The CSS property to change the border of an element to YUV 180.6080, -45.6557, 37.1778 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(223, 177, 88) }
```


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

```
.border{ border-color:rgb(223, 177, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 88);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 180.6080, -45.6557, 37.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 88) }
```

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

```
.background{ background-color: rgb(223,  
177, 88) }
```

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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