

Converting Colors

YUV(188.2680, -33.1631,
43.6150)

Have a look what the booklet for
YUV(188.2680, -33.1631, 43.6150)
contains.

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Color

**YUV(188.2680, -33.1631,
43.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB079
RGB	238, 176, 121
RGB Percent	93%, 69%, 47%
CMY	0.0667, 0.3098, 0.5255
CMYK	0.00, 0.26, 0.49, 0.07
HSL	28°, 77%, 70%
HSV	28°, 49%, 93%
XYZ	54.2364, 50.6083, 24.9990
YIQ	188.2680, 54.6070, -3.9610

Conversions

Conversions Part 2

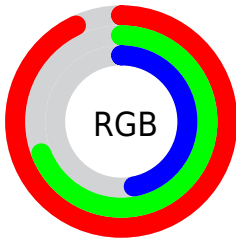
Format	Color
R _Y B	238, 225, 121
Decimal	15642745
CIE Lab	76.44, 16.27, 36.91
CIE LCh	76, 40.340, 66.220
Yxy	50.6083, 0.4177, 0.3898
Android (android.graphics.Color)	4293832825 (0xFFEEB079)
YUV	188.2680, -33.1631, 43.6150
Hunter-Lab	71.1395, 11.5934, 28.9627

Details

The YUV color **188.2680, -33.1631, 43.6150** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **170.7320, 33.1631, -43.6150**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2650, -28.7246, 19.9386**, and **133.8160, -30.9683, 39.6264** is the 20% darker color. If you saturate the color by 10%, you get **177.9010, -39.8842, 52.7068**, and if you desaturate by 10%, it is **198.6350, -26.4421, 34.5231**.

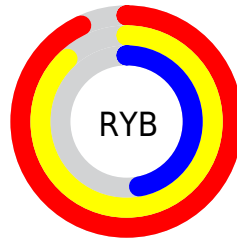
Distribution



Red (93%)

Green (69%)

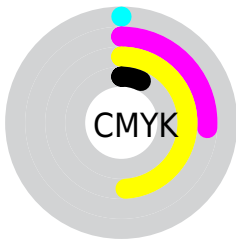
Blue (47%)



Red (93%)

Yellow (88%)

Blue (47%)

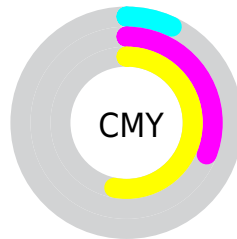


Cyan (0%)

Magenta (26%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2680, -33.1631, 43.6150 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 188.2680, -33.1631, 43.6150 by changing the saturation by 10% instead.

188.2680,
-33.1631, 43.6150

188.2680,
-33.1631, 43.6150

255.0000, 0.0000,
0.0000

160.5990,
-31.8473, 41.5707

232.2650,
-28.7246, 19.9386

133.8160,
-30.9683, 39.6264

248.9580,
-23.1503, 5.2988

108.0330,
-30.0893, 37.6821

252.1500,
-10.9200, 2.4994

82.9510, -29.0628,
35.1230

59.2280, -29.1994,
32.2490

38.2410, -18.8528,
26.9756

18.1400, -8.9430,

21.8022

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 188.2680,
-33.1631, 43.6150

■ 188.2680,
-33.1631, 43.6150

■ 177.9010,
-39.8842, 52.7068

■ 198.6350,
-26.4421, 34.5231

■ 168.1210,
-46.8947, 61.2839

■ 208.4150,
-19.4316, 25.9460

■ 157.8680,
-53.1789, 70.2758

■ 218.6680,
-13.1473, 16.9542

■ 148.0880,
-60.1894, 78.8528

■ 228.4480, -6.1369,
8.3771

■ 137.7210,
-66.9105, 87.9447

■ 238.8150, 0.5842,
-0.7148

■ 136.9060,
-67.4947, 88.6594

■ 248.1560, 3.3741,
-8.9068

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



189.1570, -21.2764, 57.7443



188.2680, -33.1631, 43.6150



185.5330, -35.2658, 17.9496

Triad

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



188.2680, -33.1631, 43.6150



165.2450, 14.6692, -85.2839



192.3950, 27.9063, 9.3006

Complementary

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



188.2680, -33.1631, 43.6150



170.7320, 33.1631, -43.6150

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.



184.8520, 34.5830, -32.3192



188.2680, -33.1631, 43.6150



156.2150, 36.8690, -112.4446

Square

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



188.2680, -33.1631, 43.6150



174.7000, -8.7261, -47.9719



170.9880, 41.4179, -78.0425



193.5920, 12.5261, 42.4538

Rectangle

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



188.2680, -33.1631, 43.6150



182.5520, -30.8381, -2.2381



170.9880, 41.4179, -78.0425



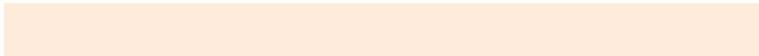
190.9310, 31.5860, -4.3245

Sweetspot

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



188.2680, -33.1631, 43.6150



238.9280, -10.8105, 14.0951



163.0510, 9.8349, 65.7303



117.7470, -6.2843, 8.9919



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.



188.2680, -33.1631, 43.6150



190.9400, -42.3684, 56.1806



222.3140, -49.9478, 13.7566



114.5230, -3.2158, 4.8033



105.4980, -52.0105, 68.8463



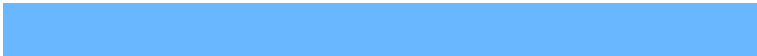
32.0060, -15.7790, 21.0427

Inverse Universe

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



170.7320, 33.1631, -43.6150



168.4730, 42.6578, -55.6658



136.6860, 49.9478, -13.7566



112.8900, 3.5052, -4.2885



77.9150, 52.2999, -68.3315



23.9940, 15.7790, -21.0427

Previews

White Background



This preview shows how the YUV color 188.2680, -33.1631, 43.6150 looks on a white background.

Color Contrast Check

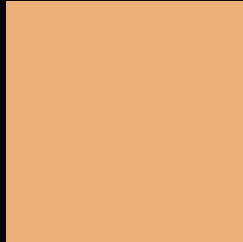
Large Text (above 18pt) WCAG AA × Fail

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 188.2680, -33.1631, 43.6150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

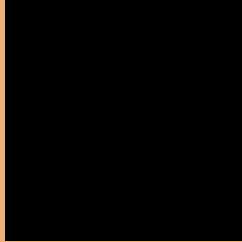
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2680, -33.1631, 43.6150

Background



This preview shows how black text looks on a background with the YUV color 188.2680, -33.1631, 43.6150.



This preview shows how white text looks on a background with the YUV color 188.2680, -33.1631, 43.6150.

43.6150.

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

188.2680, -33.1631, 43.6150

Protanopia

186.6020, -29.8768, 16.1350

Deuteranopia

187.5120, -33.2834, 35.5080



Tritanopia

191.9070, -5.3772, 44.8086

Trichromacy



Original Color

188.2680, -33.1631, 43.6150

Protanomaly

187.0270, -31.0723, 26.2863

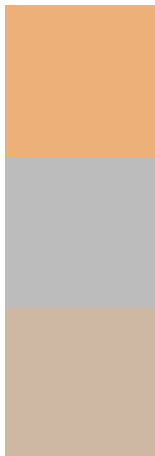
Deuteranomaly

188.1210, -33.5837, 38.4819

Tritanomaly

190.5620, -15.5601, 44.2341

Monochromacy



Original Color

188.2680, -33.1631, 43.6150

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2980, -11.9789, 15.5247

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2680, -33.1631, 43.6150 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(238, 176, 121)` looks like.

```
.text, #text, p{  
    color:rgb(238, 176, 121)  
}
```

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(238, 176, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 176, 121) }
```

Border

The CSS property to change the border of an element to YUV 188.2680, -33.1631, 43.6150 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(238, 176, 121) }
```


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

```
.border{ border-color:rgb(238, 176, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 176, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 176, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 176, 121);  
box-shadow:4px 4px 4px 4px rgb(238, 176,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 188.2680, -33.1631, 43.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 176, 121) }
```

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

```
.background{ background-color: rgb(238,  
176, 121) }
```

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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