

Converting Colors

YUV(180.6080, -8.6807,
31.0388)

Have a look what the booklet for
YUV(180.6080, -8.6807, 31.0388)
contains.

YUV(180.6080, -8.6807, 31.0388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.6080, -8.6807,
31.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A6A3
RGB	216, 166, 163
RGB Percent	85%, 65%, 64%
CMY	0.1529, 0.3490, 0.3608
CMYK	0.00, 0.23, 0.25, 0.15
HSL	3°, 40%, 74%
HSV	3°, 25%, 85%
XYZ	48.5660, 44.5157, 40.6830
YIQ	180.6080, 30.7630, 9.6670

Conversions

Conversions Part 2

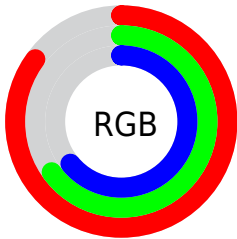
Format	Color
RYB	216, 166, 163
Decimal	14198435
CIELab	72.57, 17.96, 8.66
CIElCh	73, 19.935, 25.747
Yxy	44.5157, 0.3631, 0.3328
Android (android.graphics.Color)	4292388515 (0xFFD8A6A3)
YUV	180.6080, -8.6807, 31.0388
Hunter-Lab	66.7201, 13.1711, 10.5516

Details

The YUV color **180.6080, -8.6807, 31.0388** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.3920, 8.6807, -31.0388**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8240, -6.3222, 21.2024**, and **127.4120, -8.0911, 28.5797** is the 20% darker color. If you saturate the color by 10%, you get **166.3600, -12.5025, 43.5343**, and if you desaturate by 10%, it is **194.8560, -4.8590, 18.5433**.

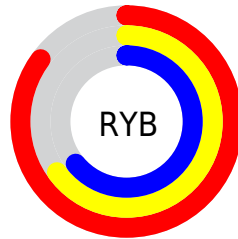
Distribution



Red (85%)

Green (65%)

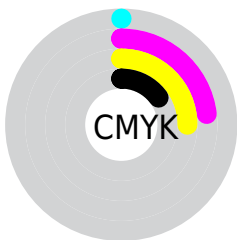
Blue (64%)



Red (85%)

Yellow (65%)

Blue (64%)

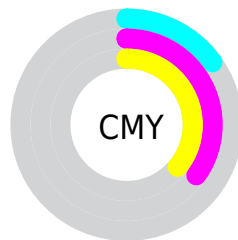


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.6080, -8.6807, 31.0388 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, -8.6807, 31.0388 by changing the saturation by 10% instead.


 180.6080, -8.6807,
31.0388

 180.6080, -8.6807,
31.0388


255.0000, 0.0000,
0.0000


 154.0100, -8.3859,
29.8092


 230.8240, -6.3222,
21.2024


 127.4120, -8.0911,
28.5797

 251.0390, -2.4842,
3.4738

 101.9280, -7.3595,
27.2501

 77.4440, -6.6279,
25.9206

 54.5470, -6.1857,
24.0763

 32.1770, -5.0173,
22.6468

 11.0630, -5.4541,

22.7467

■ 0.0000, 0.0000,
0.0000

■ 180.6080, -8.6807,
31.0388

■ 180.6080, -8.6807,
31.0388

■ 166.3600,
-12.5025, 43.5343

■ 194.8560, -4.8590,
18.5433

■ 151.6390,
-15.5980, 56.4446

■ 209.5770, -1.7635,
5.6330

■ 137.3910,
-19.4198, 68.9401

■ 223.8250, 2.0583,
-6.8625

■ 122.6700,
-22.5153, 81.8504

■ 238.5460, 5.1538,
-19.7728

■ 108.4220,
-26.3370, 94.3459

■ 243.3390, 5.7489,
-23.9763

■ 94.1740, -30.1588,
106.8414

■ 79.4530, -33.2543,
119.7517

■ 71.6280, -35.3126,
126.6142

Harmonies

Analogous

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



181.1760, -0.0868, 27.9096



180.6080, -8.6807, 31.0388



179.2670, -14.9216, 26.0758

Triad

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



180.6080, -8.6807, 31.0388



173.1260, -7.9501, -16.7735



176.1020, 18.6837, -19.3835

Complementary

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



180.6080, -8.6807, 31.0388



198.3920, 8.6807, -31.0388

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.



172.6720, 17.4167, -33.0383



180.6080, -8.6807, 31.0388



171.2690, 1.8394, -30.0539

Square

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



180.6080, -8.6807, 31.0388



175.6890, -15.1297, -0.6043



170.6300, 11.0284, -37.3865



179.4140, 15.5719, -1.2401

Rectangle

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



180.6080, -8.6807, 31.0388



178.2400, -17.3733, 19.0835



170.6300, 11.0284, -37.3865



174.7700, 18.8474, -25.2313

Sweetspot

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



180.6080, -8.6807, 31.0388



242.9690, -2.9427, 10.5512



184.5470, 14.0273, 27.5843



120.8760, -1.9109, 6.2477



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, -8.6807, 31.0388



205.4740, -12.0657, 43.4343



195.8700, -16.2049, 17.6540



99.8760, -1.9109, 6.2477



56.9990, -28.1005, 99.9789



14.0310, -6.9173, 25.4058

Inverse Universe

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



198.3920, 8.6807, -31.0388



230.5260, 12.0657, -43.4343



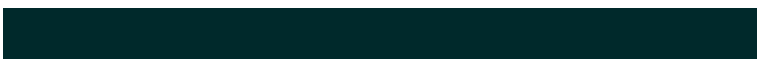
183.1300, 16.2049, -17.6540



103.1240, 1.9109, -6.2477



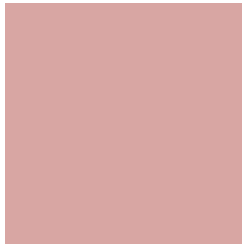
114.0010, 28.1005, -99.9789



28.9690, 6.9173, -25.4058

Previews

White Background



This preview shows how the YUV color 180.6080, -8.6807, 31.0388 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, -8.6807, 31.0388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

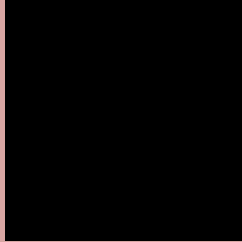
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.6080, -8.6807, 31.0388

Background



This preview shows how black text looks on a background with the YUV color 180.6080, -8.6807, 31.0388.



This preview shows how white text looks on a background with the YUV color 180.6080, -8.6807,

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, -8.6807, 31.0388

Protanopia

178.7680, -4.8156, 4.5885

Deuteranopia

179.8300, -8.7902, 19.4431



Tritanopia

181.6280, -2.2816, 31.8982

Trichromacy



Original Color

180.6080, -8.6807, 31.0388

Protanomaly

179.7800, -6.3005, 14.2249

Deuteranomaly

180.1510, -8.9484, 23.5466

Tritanomaly

181.3460, -4.6076, 31.2686

Monochromacy



Original Color

180.6080, -8.6807, 31.0388

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1540, -3.5269, 11.2659

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6080, -8.6807, 31.0388 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, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 163)  
}
```

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, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 163) }
```

Border

The CSS property to change the border of an element to YUV 180.6080, -8.6807, 31.0388 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, 166, 163) }
```


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

```
.border{ border-color:rgb(216, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 180.6080, -8.6807, 31.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 163) }
```

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

```
.background{ background-color: rgb(216,  
166, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor