

Converting Colors

YUV(180.3100, -16.9148,
12.0061)

Have a look what the booklet for
YUV(180.3100, -16.9148, 12.0061)
contains.

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Color

**YUV(180.3100, -16.9148,
12.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B492
RGB	194, 180, 146
RGB Percent	76%, 71%, 57%
CMY	0.2392, 0.2941, 0.4275
CMYK	0.00, 0.07, 0.25, 0.24
HSL	43°, 28%, 67%
HSV	43°, 25%, 76%
XYZ	43.7577, 46.1872, 33.8029
YIQ	180.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

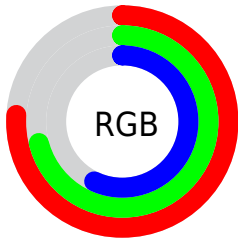
Format	Color
R _Y B	166, 194, 146
Decimal	12760210
CIE Lab	73.67, -0.42, 19.17
CIE LCh	74, 19.179, 91.245
Yxy	46.1872, 0.3536, 0.3732
Android (android.graphics.Color)	4290950290 (0xFFC2B492)
YUV	180.3100, -16.9148, 12.0061
Hunter-Lab	67.9611, -4.0024, 18.0828

Details

The YUV color $180.3100, -16.9148, 12.0061$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.6900, 16.9148, -12.0061$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.3810, -17.9358, 12.8209$, and $127.2390, -15.8938, 11.1914$ is the 20% darker color. If you saturate the color by 10%, you get $174.6220, -23.4776, 16.9945$, and if you desaturate by 10%, it is $185.9980, -10.3520, 7.0178$.

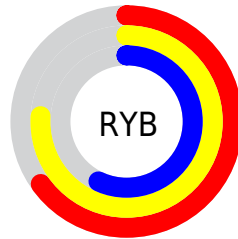
Distribution



Red (76%)

Green (71%)

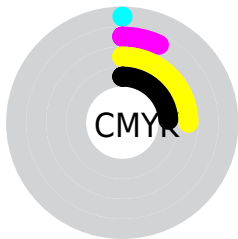
Blue (57%)



Red (65%)

Yellow (76%)

Blue (57%)

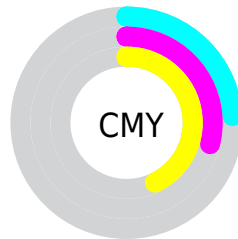


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3100, -16.9148, 12.0061 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 180.3100, -16.9148, 12.0061 by changing the saturation by 10% instead.

■ 180.3100,
-16.9148, 12.0061

■ 180.3100,
-16.9148, 12.0061

255.0000, 0.0000,
0.0000

■ 153.4240,
-16.4780, 11.9062

■ 236.3810,
-17.9358, 12.8209

■ 127.2390,
-15.8938, 11.1914

■ 251.9220,
-11.7935, 2.6994

■ 102.0540,
-15.3096, 10.4766

■ 77.9830, -14.2886,
9.6619

■ 55.3850, -13.9938,
8.4324

■ 33.0430, -15.3042,
8.7323

■ 13.0130, -6.4154,

4.3736

■ 0.0000, 0.0000,
0.0000

■ 180.3100,
-16.9148, 12.0061

■ 180.3100,
-16.9148, 12.0061

■ 174.6220,
-23.4776, 16.9945

■ 185.9980,
-10.3520, 7.0178

■ 169.4070,
-30.7667, 21.5681

■ 191.2130, -3.0630,
2.4442

■ 163.7190,
-37.3295, 26.5564

■ 196.9010, 3.4998,
-2.5442

■ 157.9170,
-44.3291, 31.6448

■ 202.7030, 10.4994,
-7.6325

■ 152.8160,
-51.1813, 36.1184

■ 207.8040, 17.3516,
-12.1061

■ 147.1280,
-57.7441, 41.1067

■ 212.6940, 20.8569,
-16.3946

■ 141.3260,
-64.7437, 46.1951

■ 216.2160, 19.1205,
-19.4834

■ 138.4250,
-68.2435, 48.7393

■ 219.1510, 17.6736,
-22.0574

■ 222.6730, 15.9372,
-25.1462

Harmonies

Analogous

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



181.8430, -15.2056, 23.8167



180.3100, -16.9148, 12.0061



178.1340, -13.3771, -2.7485

Triad

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



180.3100, -16.9148, 12.0061



174.8690, 11.8966, -35.8421



184.2440, 6.7817, 18.2030

Complementary

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



180.3100, -16.9148, 12.0061



159.6900, 16.9148, -12.0061

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.



182.6810, 13.9613, 2.0338



180.3100, -16.9148, 12.0061



176.2810, 17.1165, -30.0644

Square

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



180.3100, -16.9148, 12.0061



174.3120, 3.2972, -30.9686



179.8960, 17.7993, -15.6948



184.4210, -1.6866, 27.6948

Rectangle

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



180.3100, -16.9148, 12.0061



176.6210, -8.6872, -13.6996



179.8960, 17.7993, -15.6948



184.1940, 9.2714, 12.9849

Sweetspot

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



180.3100, -16.9148, 12.0061



247.1270, -5.9786, 4.2736



161.9480, -0.9604, 28.1096



124.9850, -3.9366, 2.6442



0.0000, 0.0000, 0.0000



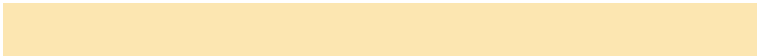
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.3100, -16.9148, 12.0061



230.5360, -26.3932, 18.8239



185.5380, -19.4922, -1.3488



94.0990, -3.4998, 2.5442



115.0570, -56.7231, 40.2920



23.3680, -11.5204, 8.4473

Inverse Universe

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



159.6900, 16.9148, -12.0061



198.4640, 26.3932, -18.8239



154.4620, 19.4922, 1.3488



89.9010, 3.4998, -2.5442



45.9430, 56.7231, -40.2920



9.6320, 11.5204, -8.4473

Previews

White Background



This preview shows how the YUV color 180.3100, -16.9148, 12.0061 looks on a white background.

Color Contrast Check

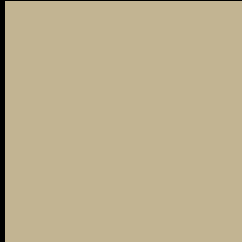
Large Text (above 18pt) WCAG AA × Fail

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 180.3100, -16.9148, 12.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

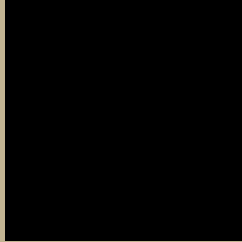
Any Text WCAG AA ✓ Pass

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 180.3100, -16.9148, 12.0061 Background



This preview shows how black text looks on a background with the YUV color 180.3100, -16.9148, 12.0061.

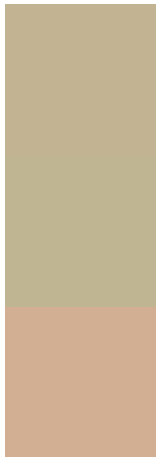


This preview shows how white text looks on a background with the YUV color 180.3100, -16.9148,

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

180.3100, -16.9148, 12.0061

Protanopia

180.2990, -16.9094, 10.2618

Deuteranopia

181.6860, -17.1002, 24.8314



Tritanopia

183.0710, 2.4300, 13.9697

Trichromacy



Original Color

180.3100, -16.9148, 12.0061

Protanomaly

180.5980, -17.0568, 10.8766

Deuteranomaly

181.0660, -16.7945, 20.1131

Tritanomaly

181.9370, -4.4059, 13.2103

Monochromacy



Original Color

180.3100, -16.9148, 12.0061

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3100, -16.9148, 12.0061 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(194, 180, 146)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 146)  
}
```

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(194, 180, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 146) }
```

Border

The CSS property to change the border of an element to YUV 180.3100, -16.9148, 12.0061 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(194, 180, 146) }
```


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

```
.border{ border-color:rgb(194, 180, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 146);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 180.3100, -16.9148, 12.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 146) }
```

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

```
.background{ background-color: rgb(194,  
180, 146) }
```

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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