

# Converting Colors

YUV(188.2760, -11.9681,  
12.0359)

Have a look what the booklet for  
YUV(188.2760, -11.9681, 12.0359)  
contains.

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# Color

**YUV(188.2760, -11.9681,  
12.0359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CABAA4
RGB	202, 186, 164
RGB Percent	79%, 73%, 64%
CMY	0.2078, 0.2706, 0.3569
CMYK	0.00, 0.08, 0.19, 0.21
HSL	35°, 26%, 72%
HSV	35°, 19%, 79%
XYZ	48.6169, 50.3547, 42.2790
YIQ	188.2760, 16.5980, -3.4500

# Conversions

## Conversions Part 2

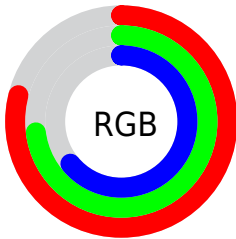
Format	Color
<a href="#">RYB</a>	<a href="#">192, 202, 164</a>
Decimal	<a href="#">13286052</a>
CIELab	<a href="#">76.29, 2.08, 13.20</a>
CIELCh	<a href="#">76, 13.368, 81.031</a>
Yxy	<a href="#">50.3547, 0.3442, 0.3565</a>
Android (android.graphics.Color)	<a href="#">4291476132</a> ( <a href="#">0xFFCABAA4</a> )
YUV	<a href="#">188.2760, -11.9681, 12.0359</a>
Hunter-Lab	<a href="#">70.9610, -1.8878, 14.3474</a>

# Details

The YUV color  $188.2760, -11.9681, 12.0359$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $177.7240, 11.9681, -12.0359$ , and the grayscale version is  $188.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.2650, -11.9626, 10.2916$ , and  $135.0910, -11.3839, 11.3212$  is the 20% darker color. If you saturate the color by 10%, you get  $180.7130, -18.0995, 18.6687$ , and if you desaturate by 10%, it is  $195.8390, -5.8366, 5.4032$ .

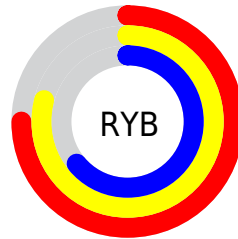
# Distribution



Red (79%)

Green (73%)

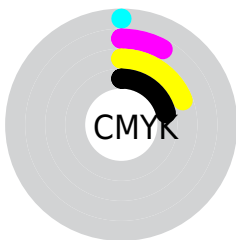
Blue (64%)



Red (75%)

Yellow (79%)

Blue (64%)

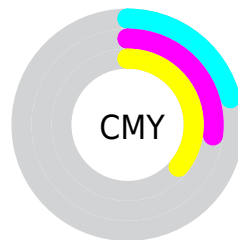


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.2760, -11.9681, 12.0359 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 188.2760, -11.9681, 12.0359 by changing the saturation by 10% instead.



■ 188.2760,  
-11.9681, 12.0359

■ 188.2760,  
-11.9681, 12.0359

255.0000, 0.0000,  
0.0000

■ 161.0910,  
-11.3839, 11.3212

■ 243.2650,  
-11.9626, 10.2916

■ 135.0910,  
-11.3839, 11.3212

■ 254.0880, -3.4944,  
0.7998

■ 109.9060,  
-10.7997, 10.6064

■ 85.6070, -10.6523,  
9.9917

■ 61.5360, -9.6312,  
9.1769

■ 40.0520, -8.8996,  
7.8474

■ 19.2370, -9.4838,

8.5622

0.0000, 0.0000,  
0.0000

188.2760,  
-11.9681, 12.0359

188.2760,  
-11.9681, 12.0359

180.7130,  
-18.0995, 18.6687

195.8390, -5.8366,  
5.4032

173.7370,  
-24.5203, 24.7867

202.8150, 0.5842,  
-0.7148

166.0600,  
-31.0886, 31.5194

210.4920, 7.1524,  
-7.4475

159.0840,  
-37.5094, 37.6373

217.4680, 13.5733,  
-13.5654

151.5210,  
-43.6409, 44.2701

223.8910, 15.3367,  
-19.1984

■ 144.5450,  
-50.0617, 50.3880

■ 228.5870, 13.0216,  
-23.3168

■ 136.9820,  
-56.1931, 57.0208

■ 233.8700, 10.4171,  
-27.9500

■ 129.8920,  
-63.0508, 63.2387

■ 238.5660, 8.1020,  
-32.0684

■ 129.0770,  
-63.6350, 63.9535

■ 239.1530, 7.8126,  
-32.5832

# Harmonies

## Analogous

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



189.1890, -9.9532, 19.1282



188.2760, -11.9681, 12.0359



186.8510, -10.7725, 1.8847

# Triad

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



188.2760, -11.9681, 12.0359



183.7520, 6.0383, -23.4615



190.1890, 6.8088, 9.4812

# Complementary

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



188.2760, -11.9681, 12.0359



177.7240, 11.9681, -12.0359

# 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.



188.8500, 10.9200, -2.4994



188.2760, -11.9681, 12.0359



185.3160, 10.6902, -22.2021

# Square

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



188.2760, -11.9681, 12.0359



184.1780, -0.0878, -18.5731



186.8270, 12.4103, -13.8803



190.6370, 0.6720, 17.8584



# Rectangle

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



188.2760, -11.9681, 12.0359



185.4910, -8.1301, -5.6926



186.8270, 12.4103, -13.8803



190.2100, 8.2775, 5.0778

# Sweetspot

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



188.2760, -11.9681, 12.0359



249.7680, -4.8156, 4.5885



177.1860, 1.3873, 21.7619



124.6260, -2.7736, 2.9590



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

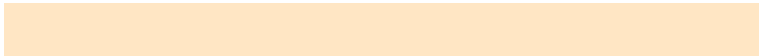


# Same Dimension

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



188.2760, -11.9681, 12.0359



233.5990, -18.5363, 18.7687



196.7710, -16.1561, 1.9548



98.5120, -3.2104, 3.0590



105.9860, -52.2511, 52.6323



24.2760, -11.9681, 12.0359

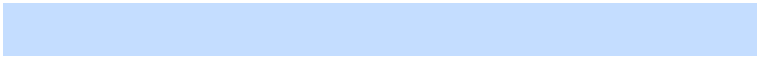


# Inverse Universe

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



177.7240, 11.9681, -12.0359



217.4010, 18.5363, -18.7687



169.2290, 16.1561, -1.9548



95.4880, 3.2104, -3.0590



60.0140, 52.2511, -52.6323

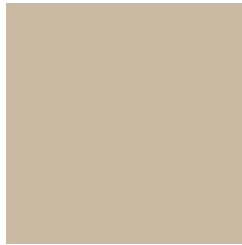


13.7240, 11.9681, -12.0359



# Previews

## White Background



This preview shows how the YUV color 188.2760, -11.9681, 12.0359 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

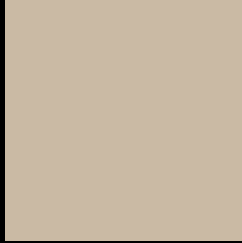
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.2760, -11.9681, 12.0359 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

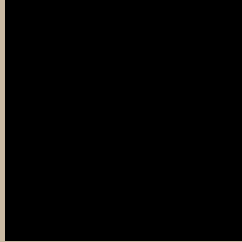
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.2760, -11.9681, 12.0359

## Background



This preview shows how black text looks on a background with the YUV color 188.2760, -11.9681, 12.0359.



This preview shows how white text looks on a background with the YUV color 188.2760, -11.9681, 12.0359.



# 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

188.2760, -11.9681, 12.0359

### Protanopia

188.0690, -11.3730, 7.8325

### Deuteranopia

189.3420, -12.0006, 22.5021



## Tritanopia

190.1850, 2.8668, 13.8698

# Trichromacy



## Original Color

188.2760, -11.9681, 12.0359

## Protanomaly

188.0800, -11.3784, 9.5768

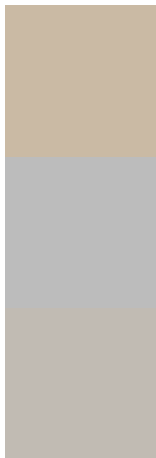
## Deuteranomaly

189.0210, -11.8424, 18.3986

## Tritanomaly

189.6920, -2.8062, 13.4251

# Monochromacy



## Original Color

188.2760, -11.9681, 12.0359

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.8820, -4.3788, 4.4885

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.2760, -11.9681, 12.0359 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(202, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 164)  
}
```

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(202, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 164) }
```

## Border

The CSS property to change the border of an element to YUV 188.2760, -11.9681, 12.0359 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(202, 186, 164) }
```



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

```
.border{ border-color:rgb(202, 186, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 188.2760, -11.9681, 12.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 164) }
```

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

```
.background{ background-color: rgb(202,  
186, 164) }
```

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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