

Converting Colors

YUV(188.9700, -11.3242,
-7.8667)

Have a look what the booklet for
YUV(188.9700, -11.3242, -7.8667)
contains.

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Color

**YUV(188.9700, -11.3242,
-7.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C6A6
RGB	180, 198, 166
RGB Percent	71%, 78%, 65%
CMY	0.2941, 0.2235, 0.3490
CMYK	0.09, 0.00, 0.16, 0.22
HSL	94°, 22%, 71%
HSV	94°, 16%, 78%
XYZ	45.8994, 52.8446, 43.8573
YIQ	188.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

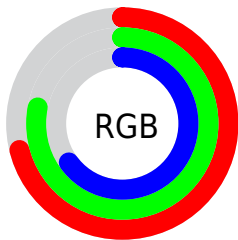
Format	Color
RYB	166, 198, 184
Decimal	11847334
CIELab	77.78, -11.96, 13.99
CIELCh	78, 18.407, 130.525
Yxy	52.8446, 0.3219, 0.3706
Android (android.graphics.Color)	4290037414 (0xFFB4C6A6)
YUV	188.9700, -11.3242, -7.8667
Hunter-Lab	72.6943, -14.5096, 15.1157

Details

The YUV color **188.9700, -11.3242, -7.8667** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175.0300, 11.3242, 7.8667**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4430, -12.0504, -8.2815**, and **135.4970, -10.5980, -7.4519** is the 20% darker color. If you saturate the color by 10%, you get **183.4010, -18.4387, -12.6297**, and if you desaturate by 10%, it is **194.5390, -4.2097, -3.1037**.

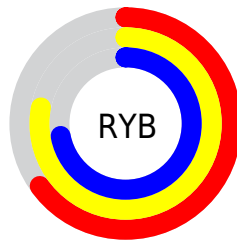
Distribution



Red (71%)

Green (78%)

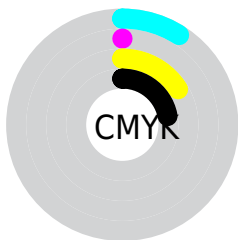
Blue (65%)



Red (65%)

Yellow (78%)

Blue (72%)

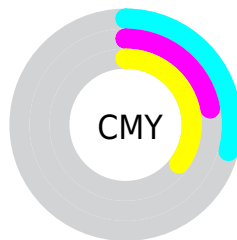


Cyan (9%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.9700, -11.3242, -7.8667 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 188.9700, -11.3242, -7.8667 by changing the saturation by 10% instead.

■ 188.9700,
-11.3242, -7.8667

■ 188.9700,
-11.3242, -7.8667

255.0000, 0.0000,
0.0000

■ 162.0840,
-10.8874, -7.9667

■ 245.4430,
-12.0504, -8.2815

■ 135.4970,
-10.5980, -7.4519

■ 254.4300, -2.1840,
0.4999

■ 110.4970,
-10.5980, -7.4519

■ 86.0240, -9.8718,
-7.0370

■ 62.5510, -9.1456,
-6.6222

■ 40.6650, -8.7088,
-6.7222

■ 19.4370, -9.5824,

-6.5222

■ 0.0000, 0.0000,
0.0000

■ 188.9700,
-11.3242, -7.8667

■ 188.9700,
-11.3242, -7.8667

■ 183.4010,
-18.4387, -12.6297

■ 194.5390, -4.2097,
-3.1037

■ 177.8320,
-25.5532, -17.3927

■ 200.1080, 2.9048,
1.6593

■ 172.3770,
-32.2309, -22.2556

■ 205.5630, 9.5824,
6.5222

■ 166.5090,
-39.1979, -27.6334

■ 211.4310, 16.5495,
11.9000

■ 160.9400,
-46.3124, -32.3964

■ 215.8600, 19.2960,
17.6628

■ 155.3710,
-53.4269, -37.1594

■ 219.1490, 17.6745,
24.4253

■ 149.8020,
-60.5414, -41.9224

■ 221.5410, 16.4953,
29.3435

■ 144.3470,
-67.2191, -46.7853

■ 142.2390,
-70.1238, -48.4446

Harmonies

Analogous

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



190.9180, -15.7356, 7.0879



188.9700, -11.3242, -7.8667



186.9450, -3.4239, -21.8768

Triad

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



188.9700, -11.3242, -7.8667



189.0150, 17.2476, -25.4462



195.1500, -4.0180, 28.8094

Complementary

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



188.9700, -11.3242, -7.8667



175.0300, 11.3242, 7.8667

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.



195.8700, 4.0081, 21.1620



188.9700, -11.3242, -7.8667



192.5870, 16.4726, -10.1618

Square

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



188.9700, -11.3242, -7.8667



186.6350, 13.4909, -33.8829



194.7310, 11.4716, 7.2519



194.4890, -11.5801, 27.6351

Rectangle

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



188.9700, -11.3242, -7.8667



185.9100, 3.0024, -29.7391



194.7310, 11.4716, 7.2519



195.2360, -1.1023, 26.9800

Sweetspot

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



188.9700, -11.3242, -7.8667



251.4250, -4.6465, -3.0037



186.1340, -9.9261, 10.4065



125.5930, -2.7573, -2.2741



0.0000, 0.0000, 0.0000



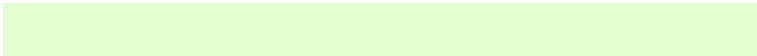
128.0000, 0.0000, 0.0000

Same Dimension

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



188.9700, -11.3242, -7.8667



241.4550, -16.9863, -11.8000



185.0120, -8.3869, -16.6735



96.4790, -3.1941, -2.1741



116.9100, -57.6366, -40.2631



25.9160, -12.7766, -8.6963

Inverse Universe

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



175.0300, 11.3242, 7.8667



220.5450, 16.9863, 11.8000



178.9880, 8.3869, 16.6735



92.5210, 3.1941, 2.1741



46.0900, 57.6366, 40.2631



10.0840, 12.7766, 8.6963

Previews

White Background



This preview shows how the YUV color 188.9700, -11.3242, -7.8667 looks on a white background.

Color Contrast Check

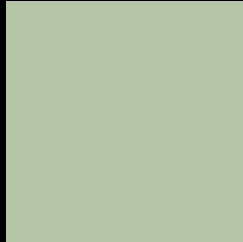
Large Text (above 18pt) WCAG AA × Fail

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 188.9700, -11.3242, -7.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

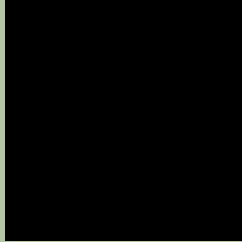
Any Text WCAG AA ✓ Pass

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 188.9700, -11.3242, -7.8667 Background



This preview shows how black text looks on a background with the YUV color 188.9700, -11.3242, -7.8667.



This preview shows how white text looks on a background with the YUV color 188.9700, -11.3242, -7.8667.

-7.8667.

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

188.9700, -11.3242, -7.8667

Protanopia

191.0970, -13.8518, 9.5619

Deuteranopia

193.3420, -12.0006, 22.5021



Tritanopia

191.9160, 7.4364, -5.1883

Trichromacy



Original Color

188.9700, -11.3242, -7.8667

Protanomaly

190.5800, -13.1039, 2.9993

Deuteranomaly

191.9770, -11.8207, 11.4212

Tritanomaly

190.7820, 0.6005, -5.9478

Monochromacy



Original Color

188.9700, -11.3242, -7.8667

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9520, -3.9203, -2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9700, -11.3242, -7.8667 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(180, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 166)  
}
```

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(180, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 166) }
```

Border

The CSS property to change the border of an element to YUV 188.9700, -11.3242, -7.8667 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(180, 198, 166) }
```


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

```
.border{ border-color:rgb(180, 198, 166) }
```

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

Here you see how a box with a 4 pixel rgb(180, 198, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 188.9700, -11.3242, -7.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 166) }
```

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

```
.background{ background-color: rgb(180,  
198, 166) }
```

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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