

Converting Colors

YUV(189.4050, -11.0457,
-3.8632)

Have a look what the booklet for
YUV(189.4050, -11.0457, -3.8632)
contains.

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Color

**YUV(189.4050, -11.0457,
-3.8632)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4A7
RGB	185, 196, 167
RGB Percent	73%, 77%, 65%
CMY	0.2745, 0.2314, 0.3451
CMYK	0.06, 0.00, 0.15, 0.23
HSL	83°, 20%, 71%
HSV	83°, 15%, 77%
XYZ	46.7226, 52.5842, 44.2464
YIQ	189.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

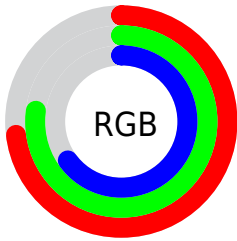
Format	Color
RYB	167, 196, 178
Decimal	12174503
CIELab	77.63, -8.96, 13.29
CIElCh	78, 16.031, 124.000
Yxy	52.5842, 0.3255, 0.3663
Android (android.graphics.Color)	4290364583 (0xFFB9C4A7)
YUV	189.4050, -11.0457, -3.8632
Hunter-Lab	72.5149, -11.8907, 14.5835

Details

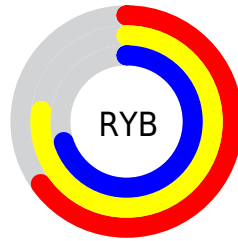
The YUV color **189.4050, -11.0457, -3.8632** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173.5950, 11.0457, 3.8632**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8780, -11.7719, -4.2780**, and **135.9320, -10.3195, -3.4484** is the 20% darker color. If you saturate the color by 10%, you get **185.0320, -18.7498, -6.1671**, and if you desaturate by 10%, it is **193.7780, -3.3416, -1.5593**.

Distribution



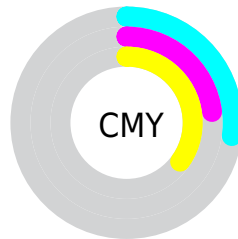
- Red (73%)
- Green (77%)
- Blue (65%)



- Red (65%)
- Yellow (77%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (27%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4050, -11.0457, -3.8632 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 189.4050, -11.0457, -3.8632 by changing the saturation by 10% instead.

■ 189.4050,
-11.0457, -3.8632

■ 189.4050,
-11.0457, -3.8632

255.0000, 0.0000,
0.0000

■ 162.5190,
-10.6089, -3.9632

■ 245.8780,
-11.7719, -4.2780

■ 135.9320,
-10.3195, -3.4484

■ 254.5440, -1.7472,
0.3999

■ 110.9320,
-10.3195, -3.4484

■ 86.1600, -9.4459,
-3.6483

■ 63.2740, -9.0091,
-3.7483

■ 40.8010, -8.2829,
-3.3335

■ 20.6440, -10.1775,

-2.3188

■ 0.0000, 0.0000,
0.0000

■ 189.4050,
-11.0457, -3.8632

■ 189.4050,
-11.0457, -3.8632

■ 185.0320,
-18.7498, -6.1671

■ 193.7780, -3.3416,
-1.5593

■ 180.4740,
-25.8697, -9.1857

■ 198.3360, 3.7784,
1.4593

■ 176.1010,
-33.5738, -11.4896

■ 202.7090, 11.4825,
3.7632

■ 171.5430,
-40.6937, -14.5082

■ 207.2670, 18.6024,
6.7818

■ 167.1700,
-48.3978, -16.8121

■ 210.5000, 21.9385,
10.0855

■ 162.4980,
-55.9545, -19.7307

■ 212.8920, 20.7592,
15.0037

■ 158.2390,
-63.2218, -22.1346

■ 214.9850, 19.7274,
19.3072

■ 153.8660,
-70.9259, -24.4385

■ 217.0780, 18.6955,
23.6106

■ 151.5300,
-74.7043, -25.8978

■ 219.4700, 17.5163,
28.5288

Harmonies

Analogous

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



190.9830, -14.2886, 9.6619



189.4050, -11.0457, -3.8632



187.6360, -4.7505, -16.3438

Triad

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



189.4050, -11.0457, -3.8632



188.9290, 14.3320, -23.6167



194.8720, -2.4019, 23.7913

Complementary

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



189.4050, -11.0457, -3.8632



173.5950, 11.0457, 3.8632

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.



194.4780, 5.1873, 16.2438



189.4050, -11.0457, -3.8632



191.1200, 14.7308, -11.5062

Square

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



189.4050, -11.0457, -3.8632



186.8590, 10.4225, -29.6943



193.2960, 11.1931, 3.2484



194.1620, -8.9539, 25.2909

Rectangle

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



189.4050, -11.0457, -3.8632



186.6720, 0.6547, -23.3913



193.2960, 11.1931, 3.2484



194.8440, 0.0769, 22.0618

Sweetspot

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



189.4050, -11.0457, -3.8632



252.6640, -3.7784, -1.4593



182.1280, -7.4581, 12.1657



126.3050, -2.6154, -1.1445



0.0000, 0.0000, 0.0000



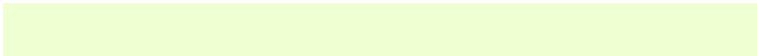
128.0000, 0.0000, 0.0000

Same Dimension

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



189.4050, -11.0457, -3.8632



244.6730, -17.5868, -5.8522



185.2190, -8.9820, -12.4701



94.6640, -3.7784, -1.4593



124.4070, -61.3327, -21.4049



25.6500, -12.6454, -4.0780

Inverse Universe

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



173.5950, 11.0457, 3.8632



219.6260, 17.4394, 6.4670



177.7810, 8.9820, 12.4701



89.3360, 3.7784, 1.4593



36.5930, 61.3327, 21.4049



7.6490, 12.4980, 4.6928

Previews

White Background



This preview shows how the YUV color 189.4050, -11.0457, -3.8632 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 189.4050, -11.0457, -3.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

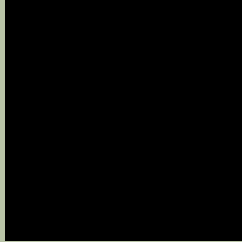
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.4050, -11.0457, -3.8632

Background



This preview shows how black text looks on a background with the YUV color 189.4050, -11.0457, -3.8632.



This preview shows how white text looks on a background with the YUV color 189.4050, -11.0457, -3.8632.

-3.8632.

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

189.4050, -11.0457, -3.8632

Protanopia

191.0260, -12.8308, 8.7472

Deuteranopia

193.0430, -11.8532, 21.8873



Tritanopia

192.7100, 6.5520, -1.4997

Trichromacy



Original Color

189.4050, -11.0457, -3.8632

Protanomaly

190.5200, -12.0884, 3.9290

Deuteranomaly

191.6890, -11.6787, 12.5507

Tritanomaly

191.6900, 0.1528, -2.3591

Monochromacy



Original Color

189.4050, -11.0457, -3.8632

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.5500, -4.2152, -1.3594

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4050, -11.0457, -3.8632 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(185, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 167)  
}
```

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(185, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 167) }
```

Border

The CSS property to change the border of an element to YUV 189.4050, -11.0457, -3.8632 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(185, 196, 167) }
```


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

```
.border{ border-color:rgb(185, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 189.4050, -11.0457, -3.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 167) }
```

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

```
.background{ background-color: rgb(185,  
196, 167) }
```

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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