

Converting Colors

YUV(168.6890, -11.6787,
12.5507)

Have a look what the booklet for
YUV(168.6890, -11.6787, 12.5507)
contains.

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Color

**YUV(168.6890, -11.6787,
12.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A691
RGB	183, 166, 145
RGB Percent	72%, 65%, 57%
CMY	0.2824, 0.3490, 0.4314
CMYK	0.00, 0.09, 0.21, 0.28
HSL	33°, 21%, 64%
HSV	33°, 21%, 72%
XYZ	38.2755, 39.3840, 32.3726
YIQ	168.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

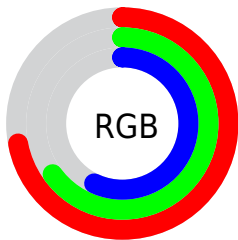
Format	Color
RYB	176, 183, 145
Decimal	12035729
CIELab	69.03, 2.73, 13.11
CIELCh	69, 13.396, 78.249
Yxy	39.3840, 0.3479, 0.3579
Android (android.graphics.Color)	4290225809 (0xFFB7A691)
YUV	168.6890, -11.6787, 12.5507
Hunter-Lab	62.7567, -0.9566, 13.3454

Details

The YUV color **168.6890, -11.6787, 12.5507** is a light color, and the websafe version is hex **999999**. A complement of this color would be **159.3110, 11.6787, -12.5507**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8740, -12.2629, 13.2655**, and **116.6180, -10.6577, 11.7360** is the 20% darker color. If you saturate the color by 10%, you get **161.9410, -17.2259, 18.4687**, and if you desaturate by 10%, it is **175.4370, -6.1314, 6.6328**.

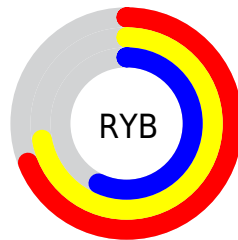
Distribution



Red (72%)

Green (65%)

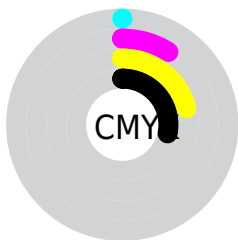
Blue (57%)



Red (69%)

Yellow (72%)

Blue (57%)

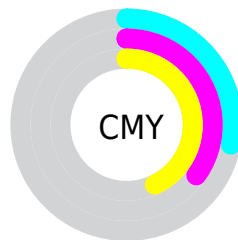


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6890, -11.6787, 12.5507 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 168.6890, -11.6787, 12.5507 by changing the saturation by 10% instead.

■ 168.6890,
-11.6787, 12.5507

■ 168.6890,
-11.6787, 12.5507

255.0000, 0.0000,
0.0000

■ 142.3900,
-11.5313, 11.9360

■ 223.8740,
-12.2629, 13.2655

■ 116.6180,
-10.6577, 11.7360

■ 248.8730,
-10.7834, 5.3734

■ 92.0200, -10.3629,
10.5065

■ 68.1340, -9.9261,
10.4065

■ 45.6500, -9.1945,
9.0769

■ 24.6670, -11.6678,
9.0620

■ 0.0000, 0.0000,

0.0000

■ 168.6890,
-11.6787, 12.5507

■ 168.6890,
-11.6787, 12.5507

■ 161.9410,
-17.2259, 18.4687

■ 175.4370, -6.1314,
6.6328

■ 155.0790,
-23.2099, 24.4867

■ 182.2990, -0.1474,
0.6148

■ 147.7440,
-28.4678, 30.9195

■ 189.6340, 5.1104,
-5.8180

■ 140.9960,
-34.0150, 36.8375

■ 196.3820, 10.6577,
-11.7360

■ 134.1340,
-39.9991, 42.8555

■ 203.2440, 16.6417,
-17.7540

■ 127.3860,
-45.5463, 48.7735

■ 209.9920, 22.1889,
-23.6720

■ 120.6380,
-51.0935, 54.6915

■ 214.6880, 19.8738,
-27.7904

■ 114.0040,
-56.2040, 60.5095

■ 219.3840, 17.5587,
-31.9088

■ 224.6670, 14.9542,
-36.5420

Harmonies

Analogous

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



169.7160, -9.2270, 19.5431



168.6890, -11.6787, 12.5507



167.1500, -10.9200, 2.4994

Triad

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



168.6890, -11.6787, 12.5507



164.6380, 5.6015, -23.3615



170.5910, 7.1036, 8.2517

Complementary

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



168.6890, -11.6787, 12.5507



159.3110, 11.6787, -12.5507

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.



169.1380, 10.7780, -3.6290



168.6890, -11.6787, 12.5507



165.2020, 10.2534, -22.1022

Square

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



168.6890, -11.6787, 12.5507



164.3630, -0.6720, -17.8584



167.1150, 12.2683, -15.0099



171.1530, 1.4036, 16.5288

Rectangle

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



168.6890, -11.6787, 12.5507



166.0890, -8.4249, -4.4631



167.1150, 12.2683, -15.0099



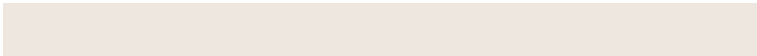
170.0250, 8.8617, 4.3631

Sweetspot

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



168.6890, -11.6787, 12.5507



231.8820, -4.3788, 4.4885



158.3000, 1.8241, 21.6619



116.6260, -2.7736, 2.9590



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



168.6890, -11.6787, 12.5507



215.0120, -18.2469, 19.2835



178.0700, -16.3035, 2.5696



88.6260, -2.7736, 2.9590



97.1260, -47.8831, 51.6325



17.7640, -8.7577, 8.9770

Inverse Universe

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



159.3110, 11.6787, -12.5507



199.9880, 18.2469, -19.2835



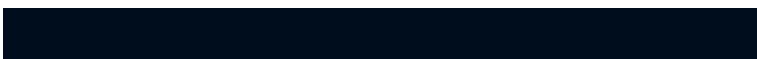
149.9300, 16.3035, -2.5696



86.3740, 2.7736, -2.9590



58.8740, 47.8831, -51.6325



10.8230, 8.4683, -9.4918

Previews

White Background



This preview shows how the YUV color 168.6890, -11.6787, 12.5507 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 168.6890, -11.6787, 12.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

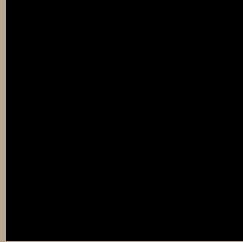
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6890, -11.6787, 12.5507

Background



This preview shows how black text looks on a background with the YUV color 168.6890, -11.6787, 12.5507.



This preview shows how white text looks on a background with the YUV color 168.6890, -11.6787, 12.5507.

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

168.6890, -11.6787, 12.5507

Protanopia

168.1830, -10.9362, 7.7325

Deuteranopia

169.4450, -11.5584, 20.6577



Tritanopia

170.8430, 1.5564, 14.1697

Trichromacy



Original Color

168.6890, -11.6787, 12.5507

Protanomaly

168.1940, -10.9416, 9.4769

Deuteranomaly

168.8360, -11.2581, 17.6838

Tritanomaly

169.8770, -3.3904, 14.1399

Monochromacy



Original Color

168.6890, -11.6787, 12.5507

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6890, -11.6787, 12.5507 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(183, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 145)  
}
```

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(183, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 145) }
```

Border

The CSS property to change the border of an element to YUV 168.6890, -11.6787, 12.5507 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(183, 166, 145) }
```


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

```
.border{ border-color:rgb(183, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 168.6890, -11.6787, 12.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 145) }
```

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

```
.background{ background-color: rgb(183,  
166, 145) }
```

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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