

Converting Colors

YUV(189.0890, 11.7881,
-0.9551)

Have a look what the booklet for
YUV(189.0890, 11.7881, -0.9551)
contains.

YUV(189.0890, 11.7881, -0.9551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.0890, 11.7881,
-0.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB9D5
RGB	188, 185, 213
RGB Percent	74%, 73%, 84%
CMY	0.2627, 0.2745, 0.1647
CMYK	0.12, 0.13, 0.00, 0.16
HSL	246°, 25%, 78%
HSV	246°, 13%, 84%
XYZ	50.0982, 50.1934, 69.9986
YIQ	189.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

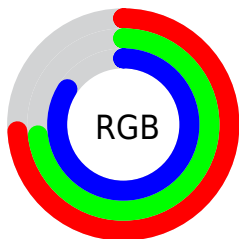
Format	Color
RYB	188, 185, 213
Decimal	12368341
CIELab	76.19, 6.53, -13.67
CIELCh	76, 15.148, 295.537
Yxy	50.1934, 0.2942, 0.2948
Android (android.graphics.Color)	4290558421 (0xFFBCB9D5)
YUV	189.0890, 11.7881, -0.9551
Hunter-Lab	70.8473, 2.2399, -8.9867

Details

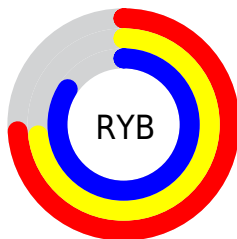
The YUV color $189.0890, 11.7881, -0.9551$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $208.9110, -11.7881, 0.9551$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4930, 5.6730, 0.4446$, and $135.8610, 10.9145, -0.7551$ is the 20% darker color. If you saturate the color by 10%, you get $171.0810, 20.6661, -1.8250$, and if you desaturate by 10%, it is $207.0970, 2.9102, -0.0851$.

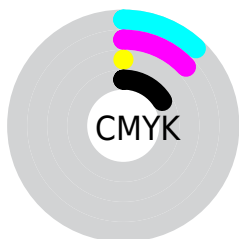
Distribution



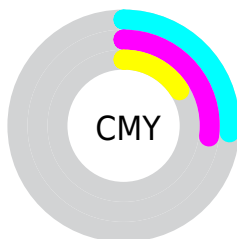
- Red (74%)
- Green (73%)
- Blue (84%)



- Red (74%)
- Yellow (73%)
- Blue (84%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0890, 11.7881, -0.9551 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 189.0890, 11.7881, -0.9551 by changing the saturation by 10% instead.

■ 189.0890, 11.7881,
-0.9551

■ 189.0890, 11.7881,
-0.9551

255.0000, 0.0000,
0.0000

■ 161.9750, 11.3513,
-0.8551

■ 243.4930, 5.6730,
0.4446

■ 135.8610, 10.9145,
-0.7551

■ 110.4480, 10.6251,
-1.2699

■ 86.3340, 10.1883,
-1.1699

■ 62.9210, 9.8989,
-1.6847

■ 40.8070, 9.4621,
-1.5847

■ 19.6930, 9.0254,

-1.4848

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 189.0890, 11.7881,
-0.9551

■ 189.0890, 11.7881,
-0.9551

■ 171.0810, 20.6661,
-1.8250

■ 207.0970, 2.9102,
-0.0851

■ 152.4860, 29.8334,
-2.1802

■ 225.6920, -6.2572,
0.2701

■ 134.4780, 38.7113,
-3.0502

■ 243.7000,
-15.1351, 1.1401

■ 116.4700, 47.5893,
-3.9202

■ 250.2120,
-18.3455, 4.1991

■ 97.8750, 56.7566,
-4.2754

■ 79.8670, 65.6346,
-5.1454

■ 61.8590, 74.5125,
-6.0153

■ 43.8510, 83.3905,
-6.8853

■ 31.1590, 89.6476,
-7.1554

Harmonies

Analogous

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



186.8700, 13.8681, -14.7950



189.0890, 11.7881, -0.9551



190.4990, 6.6560, 11.8404

Triad

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



189.0890, 11.7881, -0.9551



189.3310, -11.9952, 20.7577



183.0850, 0.9441, -22.8765

Complementary

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



189.0890, 11.7881, -0.9551



208.9110, -11.7881, 0.9551

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.



184.3160, -6.0718, -12.5551



189.0890, 11.7881, -0.9551



187.5210, -13.5679, 11.8211

Square

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



189.0890, 11.7881, -0.9551



190.3190, -7.0593, 24.2762



186.3130, -11.4933, -0.2745



183.1860, 7.7963, -27.3501

Rectangle

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



189.0890, 11.7881, -0.9551



190.6910, 2.1243, 18.6880



186.3130, -11.4933, -0.2745



183.7110, -1.8295, -19.9175

Sweetspot

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



189.0890, 11.7881, -0.9551



246.4390, 4.2206, -0.3850



202.8670, 4.9956, -15.6694



122.0970, 2.9102, -0.0851



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.



189.0890, 11.7881, -0.9551



220.1690, 17.1717, -1.0252



193.2750, 9.7244, 7.6518



97.8520, 4.5100, 0.1298



24.8760, 72.0391, -6.0303



6.3970, 18.0453, -1.2252

Inverse Universe

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



196.2220, 6.7926, 14.7143



230.4770, 10.1178, 21.5067



204.7250, -9.7244, -7.6518



100.4290, 2.7465, 5.7628



68.5710, 41.6235, 89.8302



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 189.0890, 11.7881, -0.9551 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 189.0890, 11.7881, -0.9551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

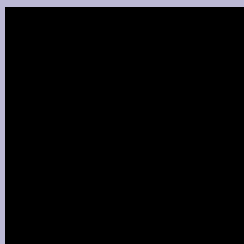
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.0890, 11.7881, -0.9551

Background



This preview shows how black text looks on a background with the YUV color 189.0890, 11.7881, -0.9551.



This preview shows how white text looks on a background with the YUV color 189.0890, 11.7881, -0.9551.

-0.9551.

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

189.0890, 11.7881, -0.9551

Protanopia

188.2950, 12.6726, -4.6437

Deuteranopia

189.7090, 11.4825, 3.7632



Tritanopia

188.4110, 6.6994, -2.1144

Trichromacy



Original Color

189.0890, 11.7881, -0.9551

Protanomaly

188.8930, 12.3778, -3.4142

Deuteranomaly

189.6980, 11.4879, 2.0189

Tritanomaly

188.5790, 8.5886, -1.3848

Monochromacy



Original Color

189.0890, 11.7881, -0.9551

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.4390, 4.2206, -0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0890, 11.7881, -0.9551 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(188, 185, 213)` looks like.

```
.text, #text, p{  
    color:rgb(188, 185, 213)  
}
```

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(188, 185, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 213) }
```

Border

The CSS property to change the border of an element to YUV 189.0890, 11.7881, -0.9551 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(188, 185, 213) }
```


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

```
.border{ border-color:rgb(188, 185, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 185, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 185, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 185, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 185,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 189.0890, 11.7881, -0.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 213) }
```

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

```
.background{ background-color: rgb(188,  
185, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor