

Converting Colors

YUV(189.6760, 11.4987,
-1.4699)

Have a look what the booklet for
YUV(189.6760, 11.4987, -1.4699)
contains.

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Color

**YUV(189.6760, 11.4987,
-1.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBAD5
RGB	188, 186, 213
RGB Percent	74%, 73%, 84%
CMY	0.2627, 0.2706, 0.1647
CMYK	0.12, 0.13, 0.00, 0.16
HSL	244°, 24%, 78%
HSV	244°, 13%, 84%
XYZ	50.3082, 50.6133, 70.0686
YIQ	189.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

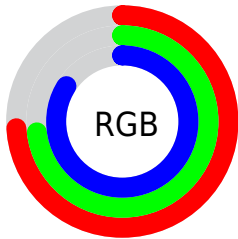
Format	Color
RYB	188, 186, 213
Decimal	12368597
CIELab	76.44, 5.99, -13.28
CIELCh	76, 14.571, 294.267
Yxy	50.6133, 0.2942, 0.2960
Android (android.graphics.Color)	4290558677 (0xFFBCBAD5)
YUV	189.6760, 11.4987, -1.4699
Hunter-Lab	71.1430, 1.7245, -8.5945

Details

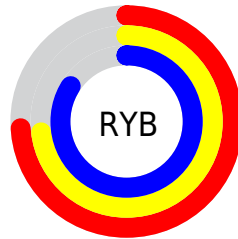
The YUV color **189.6760, 11.4987, -1.4699** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **209.3240, -11.4987, 1.4699**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0800, 5.3836, -0.0702**, and **136.4480, 10.6251, -1.2699** is the 20% darker color. If you saturate the color by 10%, you get **171.3690, 20.5241, -2.9546**, and if you desaturate by 10%, it is **207.9830, 2.4734, 0.0149**.

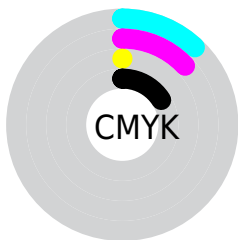
Distribution



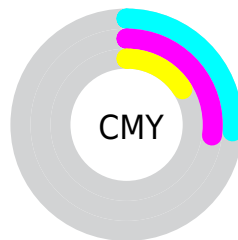
- Red (74%)
- Green (73%)
- Blue (84%)



- 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 189.6760, 11.4987, -1.4699 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 189.6760, 11.4987, -1.4699 by changing the saturation by 10% instead.

■ 189.6760, 11.4987,
-1.4699

■ 189.6760, 11.4987,
-1.4699

255.0000, 0.0000,
0.0000

■ 162.5620, 11.0619,
-1.3699

■ 244.0800, 5.3836,
-0.0702

■ 136.4480, 10.6251,
-1.2699

■ 111.0350, 10.3357,
-1.7847

■ 86.9210, 9.8989,
-1.6847

■ 62.9210, 9.8989,
-1.6847

■ 41.3940, 9.1728,
-2.0995

■ 20.2800, 8.7360,

-1.9996

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 189.6760, 11.4987,
-1.4699

■ 189.6760, 11.4987,
-1.4699

■ 171.3690, 20.5241,
-2.9546

■ 207.9830, 2.4734,
0.0149

■ 152.7740, 29.6914,
-3.3098

■ 226.5780, -6.6940,
0.3701

■ 134.4670, 38.7168,
-4.7946

■ 244.8850,
-15.7193, 1.8549

■ 116.1600, 47.7421,
-6.2793

■ 250.2120,
-18.3455, 4.1991

■ 97.2660, 57.0569,
-7.2493

■ 79.2580, 65.9348,
-8.1193

■ 60.9510, 74.9602,
-9.6040

■ 42.6440, 83.9855,
-11.0888

■ 29.0660, 90.6795,
-11.4589

Harmonies

Analogous

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



187.7560, 13.4313, -14.6950



189.6760, 11.4987, -1.4699



191.0860, 6.3666, 11.3256

Triad

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



189.6760, 11.4987, -1.4699



190.1460, -11.4110, 20.0430



183.9820, 0.5019, -21.0322

Complementary

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



189.6760, 11.4987, -1.4699



209.3240, -11.4987, 1.4699

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.



185.6150, -6.2192, -11.9404



189.6760, 11.4987, -1.4699



188.6350, -13.1311, 11.7211

Square

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



189.6760, 11.4987, -1.4699



190.8350, -6.3277, 22.9467



187.0250, -11.3513, 0.8551



183.7840, 7.5015, -26.1206

Rectangle

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



189.6760, 11.4987, -1.4699



191.3920, 2.2717, 18.0732



187.0250, -11.3513, 0.8551



184.4230, -1.6875, -18.7880

Sweetspot

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



189.6760, 11.4987, -1.4699



246.4390, 4.2206, -0.3850



203.7530, 4.5588, -15.5694



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.



189.6760, 11.4987, -1.4699



222.2290, 16.1561, -1.9548



193.5630, 9.5824, 6.5222



97.5530, 4.6574, -0.4850



23.3810, 72.7762, -9.1041



5.7990, 18.3401, -2.4547

Inverse Universe

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



196.9230, 6.9400, 14.0995



232.3520, 9.6865, 19.8623



205.4370, -9.5824, -6.5222



100.4290, 2.7465, 5.7628



69.1410, 43.8075, 89.3303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 189.6760, 11.4987, -1.4699 looks on a white background.

Color Contrast Check

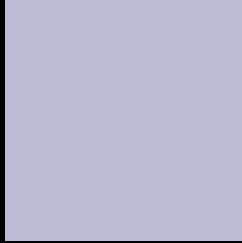
Large Text (above 18pt) WCAG AA × Fail

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 189.6760, 11.4987, -1.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

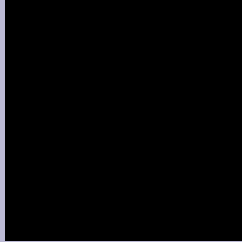
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.6760, 11.4987, -1.4699

Background



This preview shows how black text looks on a background with the YUV color 189.6760, 11.4987, -1.4699.



This preview shows how white text looks on a background with the YUV color 189.6760, 11.4987, -1.4699.

-1.4699.

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

189.6760, 11.4987, -1.4699

Protanopia

189.1810, 12.2358, -4.5437

Deuteranopia

190.5950, 11.0457, 3.8632



Tritanopia

189.1120, 6.8468, -2.7292

Trichromacy



Original Color

189.6760, 11.4987, -1.4699

Protanomaly

189.4800, 12.0884, -3.9290

Deuteranomaly

190.2850, 11.1985, 1.5041

Tritanomaly

189.2800, 8.7360, -1.9996

Monochromacy



Original Color

189.6760, 11.4987, -1.4699

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6760, 11.4987, -1.4699 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, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(188, 186, 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, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 186, 213) }
```

Border

The CSS property to change the border of an element to YUV 189.6760, 11.4987, -1.4699 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, 186, 213) }
```


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

```
.border{ border-color:rgb(188, 186, 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, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 186,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 189.6760, 11.4987, -1.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 186, 213) }
```

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

```
.background{ background-color: rgb(188,  
186, 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](#).

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