

Converting Colors

YUV(186.5060, 16.0195,
-4.8288)

Have a look what the booklet for
YUV(186.5060, 16.0195, -4.8288)
contains.

YUV(186.5060, 16.0195, -4.8288)	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(186.5060, 16.0195,
-4.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7DB
RGB	181, 183, 219
RGB Percent	71%, 72%, 86%
CMY	0.2902, 0.2824, 0.1412
CMYK	0.17, 0.16, 0.00, 0.14
HSL	237°, 35%, 78%
HSV	237°, 17%, 86%
XYZ	48.7757, 48.8052, 73.8674
YIQ	186.5060, -12.7480, 10.7720

Conversions

Conversions Part 2

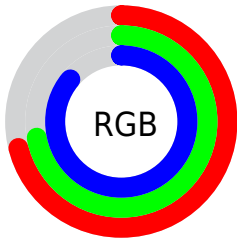
Format	Color
R_{YB}	181, 183, 219
Decimal	11909083
CIE Lab	75.33, 6.64, -18.27
CIE LCh	75, 19.440, 289.978
Yxy	48.8052, 0.2845, 0.2847
Android (android.graphics.Color)	4290099163 (0xFFB5B7DB)
YUV	186.5060, 16.0195, -4.8288
Hunter-Lab	69.8607, 2.3698, -13.7879

Details

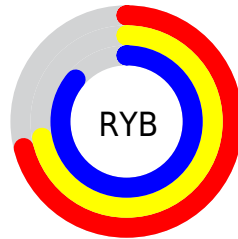
The YUV color **186.5060, 16.0195, -4.8288** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213.4940, -16.0195, 4.8288**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2260, 7.2836, -2.8292**, and **133.2780, 15.1459, -4.6288** is the 20% darker color. If you saturate the color by 10%, you get **167.6010, 25.3397, -7.5431**, and if you desaturate by 10%, it is **205.4110, 6.6994, -2.1144**.

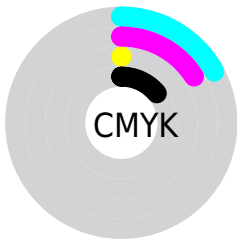
Distribution



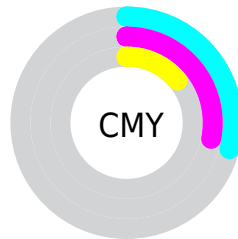
- Red (71%)
- Green (72%)
- Blue (86%)



- Red (71%)
- Yellow (72%)
- Blue (86%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5060, 16.0195, -4.8288 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 186.5060, 16.0195, -4.8288 by changing the saturation by 10% instead.

■ 186.5060, 16.0195,
-4.8288

■ 186.5060, 16.0195,
-4.8288

255.0000, 0.0000,
0.0000

■ 159.3920, 15.5827,
-4.7288

■ 240.2260, 7.2836,
-2.8292

■ 133.2780, 15.1459,
-4.6288

■ 107.8650, 14.8566,
-5.1436

■ 83.6370, 13.9830,
-4.9436

■ 60.2240, 13.6936,
-5.4584

■ 38.5830, 12.5306,
-5.7733

■ 17.1700, 12.2412,

-6.2881

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 186.5060, 16.0195,
-4.8288

■ 186.5060, 16.0195,
-4.8288

■ 167.6010, 25.3397,
-7.5431

■ 205.4110, 6.6994,
-2.1144

■ 149.2830, 34.3705,
-10.7722

■ 223.7290, -2.3314,
1.1147

■ 130.3780, 43.6906,
-13.4865

■ 242.6340,
-11.6516, 3.8290

■ 111.4730, 53.0108,
-16.2008

■ 250.8960,
-15.7247, 3.5992

■ 92.8670, 62.1836,
-18.3004

■ 74.5490, 71.2143,
-21.5295

■ 55.6440, 80.5345,
-24.2438

■ 36.7390, 89.8547,
-26.9581

■ 32.0100, 92.1861,
-28.0728

Harmonies

Analogous

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



183.2650, 18.1104, -22.1574



186.5060, 16.0195, -4.8288



188.4220, 10.1450, 12.7849

Triad

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



186.5060, 16.0195, -4.8288



187.2070, -13.9061, 27.0055



179.7100, -0.3500, -27.8097

Complementary

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



186.5060, 16.0195, -4.8288



213.4940, -16.0195, 4.8288

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.



181.3930, -9.5607, -13.4997



186.5060, 16.0195, -4.8288



185.3430, -16.9311, 17.2392

Square

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



186.5060, 16.0195, -4.8288



188.0640, -6.9336, 30.6389



183.5970, -15.5773, 2.9844



178.7720, 8.9864, -35.7570

Rectangle

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



186.5060, 16.0195, -4.8288



188.6960, 4.5869, 22.1916



183.5970, -15.5773, 2.9844



179.9340, -3.4185, -23.6211

Sweetspot

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



186.5060, 16.0195, -4.8288



244.0690, 5.3890, -1.8145



207.2960, 4.2911, -23.0616



120.9120, 3.4944, -0.7998



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.



186.5060, 16.0195, -4.8288



208.9170, 22.7189, -6.9432



190.1160, 14.2398, 6.0373



100.2540, 4.8048, -1.0998



25.0050, 72.9615, -21.9294



6.4180, 19.5139, -5.6286

Inverse Universe

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



192.5900, -4.7279, 23.1616



217.4880, -6.6496, 32.8980



209.8840, -14.2398, -6.0373



102.2890, -1.6215, 6.7625



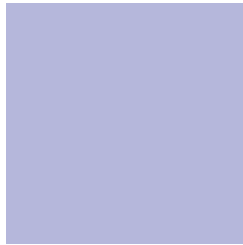
52.7530, -21.5702, 105.4566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 186.5060, 16.0195, -4.8288 looks on a white background.

Color Contrast Check

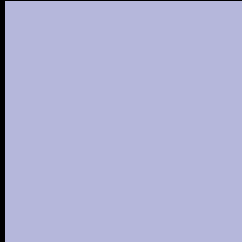
Large Text (above 18pt) WCAG AA × Fail

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 186.5060, 16.0195, -4.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

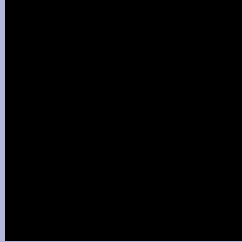
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5060, 16.0195, -4.8288

Background



This preview shows how black text looks on a background with the YUV color 186.5060, 16.0195, -4.8288.



This preview shows how white text looks on a background with the YUV color 186.5060, 16.0195, -4.8288.

-4.8288.

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

186.5060, 16.0195, -4.8288

Protanopia

186.3100, 16.6092, -7.2879

Deuteranopia

187.1260, 15.7139, -0.1105



Tritanopia

185.3180, 7.7312, -6.4179

Trichromacy



Original Color

186.5060, 16.0195, -4.8288

Protanomaly

186.6090, 16.4618, -6.6731

Deuteranomaly

187.1150, 15.7193, -1.8549

Tritanomaly

185.8280, 10.9308, -5.9882

Monochromacy



Original Color

186.5060, 16.0195, -4.8288

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5060, 16.0195, -4.8288 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(181, 183, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 219)  
}
```

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(181, 183, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 219) }
```

Border

The CSS property to change the border of an element to YUV 186.5060, 16.0195, -4.8288 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(181, 183, 219) }
```


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

```
.border{ border-color:rgb(181, 183, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 186.5060, 16.0195, -4.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 219) }
```

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

```
.background{ background-color: rgb(181,  
183, 219) }
```

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