

Converting Colors

YUV(183.6440, 6.5845,
-11.9658)

Have a look what the booklet for
YUV(183.6440, 6.5845, -11.9658)
contains.

YUV(183.6440, 6.5845, -11.9658)	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(183.6440, 6.5845,
-11.9658)**

Conversions

Conversions Part 1

Format	Color
Hex	AABCC5
RGB	170, 188, 197
RGB Percent	67%, 74%, 77%
CMY	0.3333, 0.2627, 0.2275
CMYK	0.14, 0.05, 0.00, 0.23
HSL	200°, 19%, 72%
HSV	200°, 14%, 77%
XYZ	44.6388, 48.5437, 59.8405
YIQ	183.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

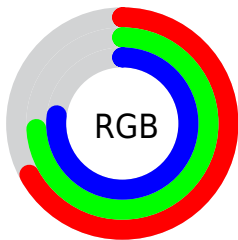
Format	Color
RYB	170, 181, 197
Decimal	11189445
CIELab	75.17, -4.31, -6.64
CIElCh	75, 7.914, 237.029
Yxy	48.5437, 0.2917, 0.3172
Android (android.graphics.Color)	4289379525 (0xFFAABCC5)
YUV	183.6440, 6.5845, -11.9658
Hunter-Lab	69.6733, -7.5656, -2.1512

Details

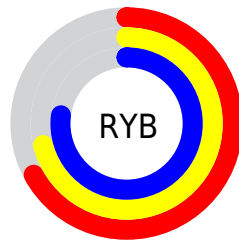
The YUV color **183.6440, 6.5845, -11.9658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183.3560, -6.5845, 11.9658**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4590, 7.1687, -12.6805**, and **130.8290, 6.0003, -11.2510** is the 20% darker color. If you saturate the color by 10%, you get **173.5550, 11.5584, -20.6577**, and if you desaturate by 10%, it is **193.7330, 1.6106, -3.2738**.

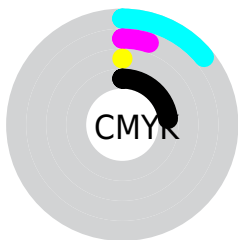
Distribution



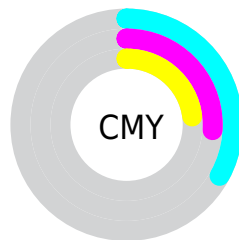
- Red (67%)
- Green (74%)
- Blue (77%)



- Red (67%)
- Yellow (71%)
- Blue (77%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.6440, 6.5845, -11.9658 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 183.6440, 6.5845, -11.9658 by changing the saturation by 10% instead.

■ 183.6440, 6.5845,
-11.9658

■ 183.6440, 6.5845,
-11.9658

255.0000, 0.0000,
0.0000

■ 156.6440, 6.5845,
-11.9658

■ 239.4590, 7.1687,
-12.6805

■ 130.8290, 6.0003,
-11.2510

254.7010, 0.1474,
-0.6148

■ 105.8290, 6.0003,
-11.2510

■ 81.1280, 5.8529,
-10.6363

■ 58.0140, 5.4161,
-10.5363

■ 36.3130, 5.2687,
-9.9215

■ 14.7040, 5.5689,

-12.8954

■ 0.0000, 0.0000,
0.0000

■ 183.6440, 6.5845,
-11.9658

■ 183.6440, 6.5845,
-11.9658

■ 173.5550, 11.5584,
-20.6577

■ 193.7330, 1.6106,
-3.2738

■ 164.3520, 16.0955,
-29.2497

■ 202.9360, -2.9264,
5.3181

■ 154.2630, 21.0693,
-37.9417

■ 213.0250, -7.9003,
14.0101

■ 144.7610, 25.7538,
-47.1484

■ 222.5270,
-12.5848, 23.2168

■ 134.9710, 30.5803,
-55.2256

■ 228.4300,
-15.4950, 23.3019

■ 125.4690, 35.2648,
-64.4323

■ 231.9520,
-17.2313, 20.2131

■ 115.3800, 40.2387,
-73.1243

■ 236.0610,
-19.2571, 16.6095

■ 105.2910, 45.2125,
-81.8162

■ 240.1700,
-21.2828, 13.0059

■ 99.3550, 48.1390,
-87.1343

■ 243.6920,
-23.0192, 9.9171

Harmonies

Analogous

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



182.6500, 4.1165, -13.7251



183.6440, 6.5845, -11.9658



184.7910, 7.0050, -6.8327

Triad

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



183.6440, 6.5845, -11.9658



186.6640, -0.3274, 11.6957



184.3930, -6.1097, -0.3447

Complementary

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



183.6440, 6.5845, -11.9658



183.3560, -6.5845, 11.9658

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.



184.9100, -6.8576, 6.2179



183.6440, 6.5845, -11.9658



186.7520, -3.8217, 12.4955

Square

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



183.6440, 6.5845, -11.9658



186.2550, 3.3253, 6.7924



185.7580, -6.2897, 10.7362



183.7450, -3.3253, -6.7924

Rectangle

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



183.6440, 6.5845, -11.9658



185.4110, 6.6994, -2.1144



185.7580, -6.2897, 10.7362



184.5890, -6.6994, 2.1144

Sweetspot

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



183.6440, 6.5845, -11.9658



250.2490, 2.3422, -4.6034



186.8750, -3.8824, -14.7994



124.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000



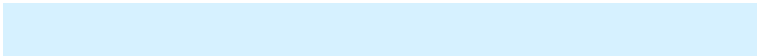
128.0000, 0.0000, 0.0000

Same Dimension

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



183.6440, 6.5845, -11.9658



234.5230, 10.0952, -17.9987



176.0130, 10.3466, -5.2734



94.5480, 2.1948, -3.9886



82.5650, 39.6545, -72.4095



18.1920, 8.7793, -15.9544

Inverse Universe

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



180.1250, 3.8824, 14.7994



229.3370, 5.7499, 22.5065



191.5740, -10.6360, 4.7586



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 183.6440, 6.5845, -11.9658 looks on a white background.

Color Contrast Check

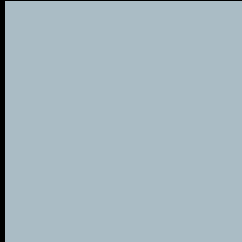
Large Text (above 18pt) WCAG AA × Fail

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 183.6440, 6.5845, -11.9658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

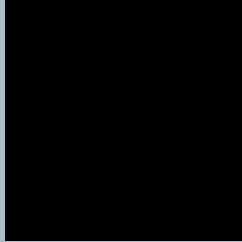
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

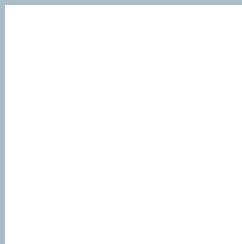
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 183.6440, 6.5845, -11.9658

Background



This preview shows how black text looks on a background with the YUV color 183.6440, 6.5845, -11.9658.



This preview shows how white text looks on a background with the YUV color 183.6440, 6.5845,

-11.9658.

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

183.6440, 6.5845, -11.9658

Protanopia

185.4390, 4.2206, -0.3850

Deuteranopia

186.9500, 5.9406, 7.9368



Tritanopia

183.9260, 8.9105, -11.3361

Trichromacy



Original Color

183.6440, 6.5845, -11.9658

Protanomaly

184.6450, 5.1050, -4.0737

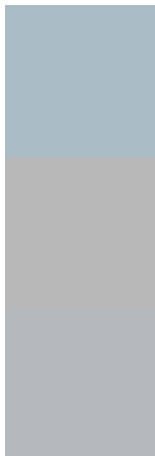
Deuteranomaly

185.9060, 5.9623, 0.9594

Tritanomaly

183.6980, 8.0369, -11.1361

Monochromacy



Original Color

183.6440, 6.5845, -11.9658

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.6440, 6.5845, -11.9658 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(170, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(170, 188, 197)  
}
```

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(170, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 188, 197) }
```

Border

The CSS property to change the border of an element to YUV 183.6440, 6.5845, -11.9658 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(170, 188, 197) }
```


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

```
.border{ border-color:rgb(170, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(170, 188,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 183.6440, 6.5845, -11.9658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 188, 197) }
```

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

```
.background{ background-color: rgb(170,  
188, 197) }
```

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