

Converting Colors

YUV(181.4330, 3.2375,
-11.7807)

Have a look what the booklet for
YUV(181.4330, 3.2375, -11.7807)
contains.

YUV(181.4330, 3.2375, -11.7807)	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(181.4330, 3.2375,
-11.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BBBC
RGB	168, 187, 188
RGB Percent	66%, 73%, 74%
CMY	0.3412, 0.2667, 0.2627
CMYK	0.11, 0.01, 0.00, 0.26
HSL	183°, 13%, 70%
HSV	183°, 11%, 74%
XYZ	42.9959, 47.4963, 54.4785
YIQ	181.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

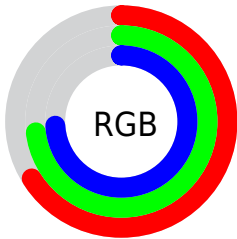
Format	Color
R_{YB}	168, 178, 188
Decimal	11058108
CIE _{Lab}	74.51, -6.29, -2.73
CIE _{LCh}	75, 6.855, 203.477
Yxy	47.4963, 0.2966, 0.3276
Android (android.graphics.Color)	4289248188 (0xFFA8BBBC)
YUV	181.4330, 3.2375, -11.7807
Hunter-Lab	68.9176, -9.2443, 1.3743

Details

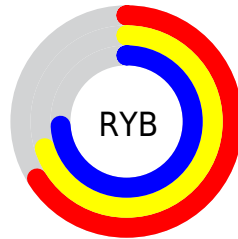
The YUV color $181.4330, 3.2375, -11.7807$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $174.5670, -3.2375, 11.7807$, and the grayscale version is $181.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.1340, 3.3849, -12.3955$, and $128.7320, 3.0901, -11.1660$ is the 20% darker color. If you saturate the color by 10%, you get $175.1650, 6.3277, -22.9467$, and if you desaturate by 10%, it is $187.7010, 0.1474, -0.6148$.

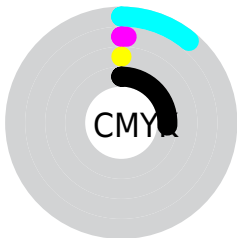
Distribution



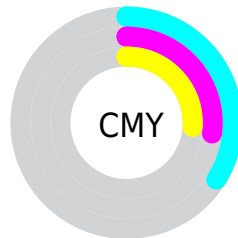
- Red (66%)
- Green (73%)
- Blue (74%)



- Red (66%)
- Yellow (70%)
- Blue (74%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.4330, 3.2375, -11.7807 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 181.4330, 3.2375, -11.7807 by changing the saturation by 10% instead.

■ 181.4330, 3.2375,
-11.7807

■ 181.4330, 3.2375,
-11.7807

255.0000, 0.0000,
0.0000

■ 154.4330, 3.2375,
-11.7807

■ 237.1340, 3.3849,
-12.3955

■ 128.7320, 3.0901,
-11.1660

■ 254.1030, 0.4422,
-1.8443

■ 103.7320, 3.0901,
-11.1660

■ 79.0310, 2.9427,
-10.5512

■ 56.3300, 2.7953,
-9.9364

■ 34.6290, 2.6479,
-9.3216

■ 13.4330, 3.2375,

-11.7807

■ 0.0000, 0.0000,
0.0000

■ 181.4330, 3.2375,
-11.7807

■ 181.4330, 3.2375,
-11.7807

■ 175.1650, 6.3277,
-22.9467

■ 187.7010, 0.1474,
-0.6148

■ 168.8970, 9.4178,
-34.1127

■ 193.9690, -2.9427,
10.5512

■ 162.9280, 12.3605,
-44.6639

■ 199.9380, -5.8854,
21.1024

■ 156.6600, 15.4506,
-55.8298

■ 206.2060, -8.9756,
32.2683

■ 150.3920, 18.5407,
-66.9958

■ 210.3810,
-11.0338, 39.1309

■ 144.1240, 21.6309,
-78.1617

■ 210.9680,
-11.3232, 38.6161

■ 137.8560, 24.7210,
-89.3277

■ 211.5550,
-11.6126, 38.1013

■ 131.8870, 27.6637,
-99.8789

■ 212.1420,
-11.9020, 37.5865

■ 126.5050, 30.3170,
-110.9449

Harmonies

Analogous

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



181.3470, 0.3219, -9.9513



181.4330, 3.2375, -11.7807



182.0140, 5.4161, -10.5363

Triad

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



181.4330, 3.2375, -11.7807



184.2440, 3.3307, 5.0480



183.1380, -5.9840, 6.0180

Complementary

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



181.4330, 3.2375, -11.7807



174.5670, -3.2375, 11.7807

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.



183.6870, -5.2687, 9.9215



181.4330, 3.2375, -11.7807



184.7670, 0.1149, 9.8513

Square

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



181.4330, 3.2375, -11.7807



183.7810, 5.5310, -0.6849



184.2680, -3.0901, 11.1660



182.3330, -5.0942, 0.5850

Rectangle

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



181.4330, 3.2375, -11.7807



182.5520, 6.1369, -8.3771



184.2680, -3.0901, 11.1660



183.7360, -6.2788, 7.2475

Sweetspot

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



181.4330, 3.2375, -11.7807



242.0210, 1.4686, -4.4034



179.8540, -5.3510, -10.3960



120.8040, 0.5896, -2.4591



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



181.4330, 3.2375, -11.7807



234.2580, 5.2958, -18.6433



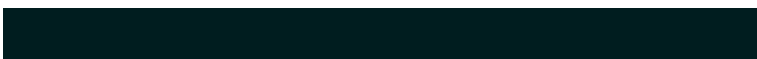
175.5630, 6.1314, -6.6328



91.3090, 1.3267, -5.5330



106.0620, 25.6054, -93.0164



20.5570, 5.1484, -18.0285

Inverse Universe

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



176.1460, 5.3510, 10.3960



225.9880, 8.3869, 16.6735



180.4370, -6.1314, 6.6328



88.7170, 2.6045, 4.6332



64.3420, 42.2294, 82.1381



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 181.4330, 3.2375, -11.7807 looks on a white background.

Color Contrast Check

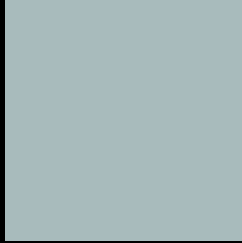
Large Text (above 18pt) WCAG AA × Fail

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 181.4330, 3.2375, -11.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

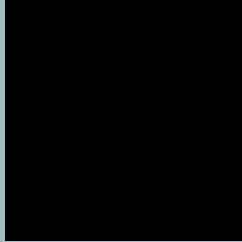
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

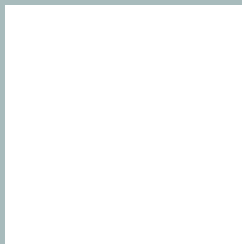
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 181.4330, 3.2375, -11.7807

Background



This preview shows how black text looks on a background with the YUV color 181.4330, 3.2375, -11.7807.



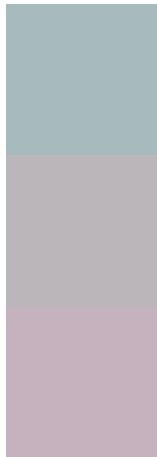
This preview shows how white text looks on a background with the YUV color 181.4330, 3.2375,

-11.7807.

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

181.4330, 3.2375, -11.7807

Protanopia

183.5380, 0.7208, 2.1592

Deuteranopia

184.7610, 2.5828, 11.6106



Tritanopia

182.2250, 8.7631, -10.7213

Trichromacy



Original Color

181.4330, 3.2375, -11.7807

Protanomaly

182.7330, 1.6106, -3.2738

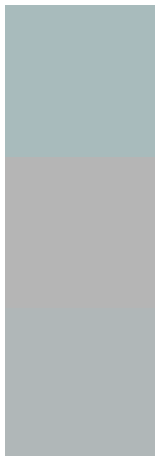
Deuteranomaly

183.7060, 2.6099, 2.8888

Tritanomaly

182.0570, 6.8739, -11.4510

Monochromacy



Original Color

181.4330, 3.2375, -11.7807

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4330, 3.2375, -11.7807 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(168, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 188)  
}
```

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(168, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 188) }
```

Border

The CSS property to change the border of an element to YUV 181.4330, 3.2375, -11.7807 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(168, 187, 188) }
```


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

```
.border{ border-color:rgb(168, 187, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 181.4330, 3.2375, -11.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 188) }
```

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

```
.background{ background-color: rgb(168,  
187, 188) }
```

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