

Converting Colors

YUV(181.3150, -8.0433,
-33.6023)

Have a look what the booklet for
YUV(181.3150, -8.0433, -33.6023)
contains.

YUV(181.3150, -8.0433, -33.6023)	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(181.3150, -8.0433,
-33.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCCA5
RGB	143, 204, 165
RGB Percent	56%, 80%, 65%
CMY	0.4392, 0.2000, 0.3529
CMYK	0.30, 0.00, 0.19, 0.20
HSL	142°, 37%, 68%
HSV	142°, 30%, 80%
XYZ	39.7121, 51.7420, 43.4915
YIQ	181.3150, -23.8370, -25.0610

Conversions

Conversions Part 2

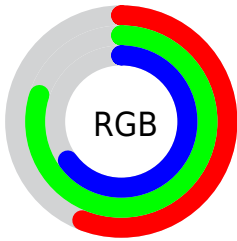
Format	Color
RYB	143, 188, 204
Decimal	9424037
CIELab	77.13, -27.61, 13.27
CIELCh	77, 30.637, 154.331
Yxy	51.7420, 0.2943, 0.3834
Android (android.graphics.Color)	4287614117 (0xFF8FCCA5)
YUV	181.3150, -8.0433, -33.6023
Hunter-Lab	71.9319, -27.3347, 14.5044

Details

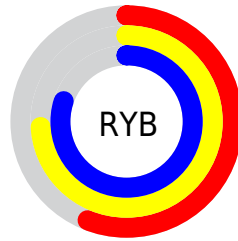
The YUV color **181.3150, -8.0433, -33.6023** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165.6850, 8.0433, 33.6023**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9670, -6.8857, -31.5431**, and **128.1410, -7.4645, -32.5727** is the 20% darker color. If you saturate the color by 10%, you get **173.8530, -10.7735, -44.5981**, and if you desaturate by 10%, it is **188.7770, -5.3131, -22.6064**.

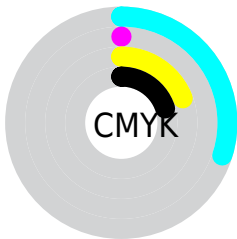
Distribution



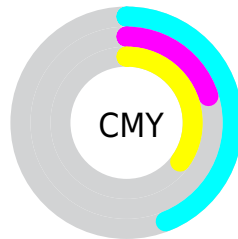
- Red (56%)
- Green (80%)
- Blue (65%)



- Red (56%)
- Yellow (74%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.3150, -8.0433, -33.6023 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 181.3150, -8.0433, -33.6023 by changing the saturation by 10% instead.


 181.3150, -8.0433,
-33.6023

 181.3150, -8.0433,
-33.6023


255.0000, 0.0000,
0.0000


 153.8420, -7.3171,
-33.1874


 233.9670, -6.8857,
-31.5431

 128.1410, -7.4645,
-32.5727

 245.9440, 1.5066,
-16.6139

 101.7820, -6.3015,
-32.2578

 76.8960, -5.8647,
-32.3578

 51.6290, -4.2541,
-35.6316

 32.4450, -5.1494,
-28.4543

 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 181.3150, -8.0433,
-33.6023

■ 181.3150, -8.0433,
-33.6023

■ 173.8530,
-10.7735, -44.5981

■ 188.7770, -5.3131,
-22.6064

■ 166.0920,
-13.3564, -56.2087

■ 196.5380, -2.7302,
-10.9958

■ 158.6300,
-16.0866, -67.2045

■ 204.0000, 0.0000,
0.0000

■ 150.8690,
-18.6694, -78.8151

■ 211.7610, 2.5828,
11.6106

■ 143.4070,
-21.3997, -89.8109

■ 219.2230, 5.3131,
22.6064

■ 135.9450,
-24.1299, -100.8068

■ 223.6950, 9.5174,
27.4545

■ 128.1840,
-26.7127, -112.4174

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



185.1520, -20.7809, -8.0263



181.3150, -8.0433, -33.6023



177.1240, 8.3199, -55.3597

Triad

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



181.3150, -8.0433, -33.6023



188.7020, 28.7409, -25.1717



192.7580, -16.1497, 46.6932

Complementary

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



181.3150, -8.0433, -33.6023



165.6850, 8.0433, 33.6023

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.



194.0750, -3.4880, 45.5382



181.3150, -8.0433, -33.6023



193.6520, 21.3706, 5.5672

Square

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



181.3150, -8.0433, -33.6023



181.3520, 29.4065, -52.0517



194.9450, 10.3801, 30.7432



190.6890, -24.9897, 35.3527

Rectangle

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



181.3150, -8.0433, -33.6023



176.0010, 18.2405, -64.0219



194.9450, 10.3801, 30.7432



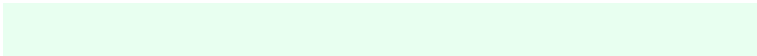
193.6810, -12.6607, 47.6378

Sweetspot

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



181.3150, -8.0433, -33.6023



246.4130, -3.1616, -12.6402



190.7670, -23.5491, -6.8117



122.4890, -1.7201, -8.3219



0.0000, 0.0000, 0.0000



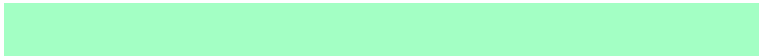
128.0000, 0.0000, 0.0000

Same Dimension

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



181.3150, -8.0433, -33.6023



220.7660, -12.2096, -50.6608



184.7350, 5.0606, -36.6016



98.2120, -1.5835, -5.4479



104.2820, -21.8310, -91.4553



23.9020, -4.8817, -20.9621

Inverse Universe

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



165.6850, 8.0433, 33.6023



197.2340, 12.2096, 50.6608



162.2650, -5.0606, 36.6016



95.6740, 1.1467, 5.5479



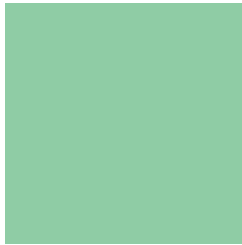
61.7180, 21.8310, 91.4553



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 181.3150, -8.0433, -33.6023 looks on a white background.

Color Contrast Check

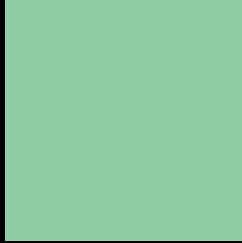
Large Text (above 18pt) WCAG AA × Fail

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 181.3150, -8.0433, -33.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

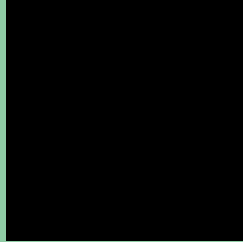
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.3150, -8.0433, -33.6023

Background



This preview shows how black text looks on a background with the YUV color 181.3150, -8.0433, -33.6023.



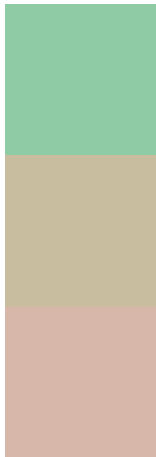
This preview shows how white text looks on a background with the YUV color 181.3150, -8.0433, -33.6023.

-33.6023.

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

181.3150, -8.0433, -33.6023

Protanopia

188.7550, -15.1622, 9.8619

Deuteranopia

190.9720, -10.8322, 21.0726



Tritanopia

185.6680, 13.4747, -28.6498

Trichromacy



Original Color

181.3150, -8.0433, -33.6023

Protanomaly

185.7530, -12.2032, -5.9224

Deuteranomaly

187.7800, -9.7515, 1.0699

Tritanomaly

184.2950, 5.7706, -30.9537

Monochromacy



Original Color

181.3150, -8.0433, -33.6023

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8260, -2.8722, -12.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.3150, -8.0433, -33.6023 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(143, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 165)  
}
```

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(143, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 165) }
```

Border

The CSS property to change the border of an element to YUV 181.3150, -8.0433, -33.6023 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(143, 204, 165) }
```


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

```
.border{ border-color:rgb(143, 204, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 181.3150, -8.0433, -33.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 165) }
```

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

```
.background{ background-color: rgb(143,  
204, 165) }
```

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