

Converting Colors

YUV(185.5030, -13.0660,
-9.2111)

Have a look what the booklet for
YUV(185.5030, -13.0660, -9.2111)
contains.

YUV(185.5030, -13.0660, -9.2111)	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(185.5030, -13.0660,
-9.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC49F
RGB	175, 196, 159
RGB Percent	69%, 77%, 62%
CMY	0.3137, 0.2314, 0.3765
CMYK	0.11, 0.00, 0.19, 0.23
HSL	94°, 24%, 70%
HSV	94°, 19%, 77%
XYZ	43.6771, 51.0970, 40.3616
YIQ	185.5030, -0.6390, -15.9590

Conversions

Conversions Part 2

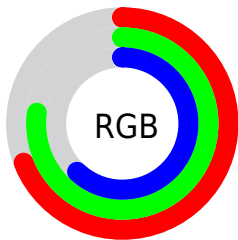
Format	Color
RYB	159, 196, 180
Decimal	11519135
CIELab	76.74, -13.89, 16.22
CIELCh	77, 21.357, 130.571
Yxy	51.0970, 0.3232, 0.3781
Android (android.graphics.Color)	4289709215 (0xFFAFC49F)
YUV	185.5030, -13.0660, -9.2111
Hunter-Lab	71.4822, -16.0265, 16.5601

Details

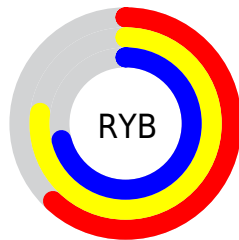
The YUV color **185.5030, -13.0660, -9.2111** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169.4970, 13.0660, 9.2111**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.9760, -13.7922, -9.6260**, and **132.0300, -12.3398, -8.7963** is the 20% darker color. If you saturate the color by 10%, you get **179.9340, -20.1805, -13.9741**, and if you desaturate by 10%, it is **191.0720, -5.9515, -4.4481**.

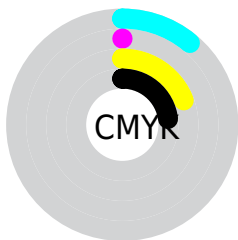
Distribution



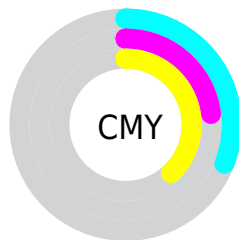
- Red (69%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.5030, -13.0660, -9.2111 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 185.5030, -13.0660, -9.2111 by changing the saturation by 10% instead.

■ 185.5030,
-13.0660, -9.2111

■ 185.5030,
-13.0660, -9.2111

255.0000, 0.0000,
0.0000

■ 158.6170,
-12.6292, -9.3111

■ 241.9760,
-13.7922, -9.6260

■ 132.0300,
-12.3398, -8.7963

■ 253.5180, -5.6784,
1.2997

■ 107.1440,
-11.9030, -8.8963

■ 82.6710, -11.1768,
-8.4815

■ 59.1980, -10.4506,
-8.0666

■ 37.3120, -10.0138,
-8.1666

■ 15.8600, -7.8190,

-12.1552

■ 0.0000, 0.0000,
0.0000

■ 185.5030,
-13.0660, -9.2111

■ 185.5030,
-13.0660, -9.2111

■ 179.9340,
-20.1805, -13.9741

■ 191.0720, -5.9515,
-4.4481

■ 174.4790,
-26.8581, -18.8371

■ 196.5270, 0.7262,
0.4148

■ 168.9100,
-33.9726, -23.6001

■ 202.0960, 7.8407,
5.1778

■ 163.4550,
-40.6503, -28.4630

■ 207.5510, 14.5184,
10.0408

■ 157.5870,
-47.6174, -33.8408

■ 213.1910, 20.6118,
15.6185

■ 152.0180,
-54.7319, -38.6038

■ 216.4800, 18.9904,
22.3810

■ 146.5630,
-61.4096, -43.4668

■ 219.7690, 17.3689,
29.1436

■ 140.9940,
-68.5240, -48.2297

■ 220.3670, 17.0741,
30.3731

■ 140.4670,
-69.2502, -48.6446

Harmonies

Analogous

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



187.6470, -18.0670, 8.2026



185.5030, -13.0660, -9.2111



183.2110, -3.5550, -26.4950

Triad

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



185.5030, -13.0660, -9.2111



185.3780, 20.0266, -30.1495



192.3570, -4.6130, 33.0129

Complementary

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



185.5030, -13.0660, -9.2111



169.4970, 13.0660, 9.2111

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.



193.1200, 4.8708, 24.4508



185.5030, -13.0660, -9.2111



189.5590, 18.9514, -11.8912

Square

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



185.5030, -13.0660, -9.2111



182.1720, 15.6912, -39.6158



192.1980, 13.2134, 8.5964



191.4680, -13.0487, 32.0386

Rectangle

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



185.5030, -13.0660, -9.2111



181.9910, 3.4554, -35.0721



192.1980, 13.2134, 8.5964



192.5570, -1.2606, 31.0835

Sweetspot

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



185.5030, -13.0660, -9.2111



250.5990, -5.2253, -4.0333



182.3900, -11.5313, 11.9360



125.1800, -3.0467, -2.7889



0.0000, 0.0000, 0.0000



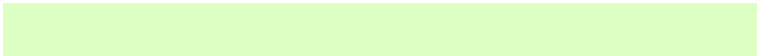
128.0000, 0.0000, 0.0000

Same Dimension

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



185.5030, -13.0660, -9.2111



238.4070, -20.9067, -14.3889



180.9470, -9.8339, -19.2475



94.0660, -3.4835, -2.6889



115.1380, -56.7630, -40.4630



23.5570, -11.6136, -8.3815

Inverse Universe

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



169.4970, 13.0660, 9.2111



212.8920, 20.7592, 15.0037



174.0530, 9.8339, 19.2475



89.9340, 3.4835, 2.6889



45.5630, 56.9104, 39.8482



9.4430, 11.6136, 8.3815

Previews

White Background



This preview shows how the YUV color 185.5030, -13.0660, -9.2111 looks on a white background.

Color Contrast Check

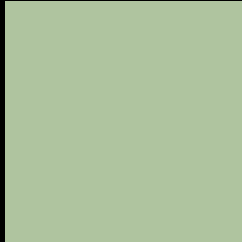
Large Text (above 18pt) WCAG AA × Fail

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 185.5030, -13.0660, -9.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

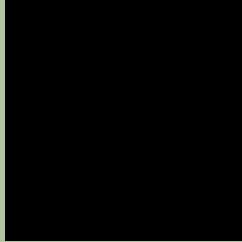
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.5030, -13.0660, -9.2111

Background



This preview shows how black text looks on a background with the YUV color 185.5030, -13.0660, -9.2111.



This preview shows how white text looks on a background with the YUV color 185.5030, -13.0660, -9.2111.

-9.2111.

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

185.5030, -13.0660, -9.2111

Protanopia

188.4130, -16.4726, 10.1618

Deuteranopia

190.1850, -13.8952, 23.5168



Tritanopia

189.3180, 7.7312, -6.4179

Trichromacy



Original Color

185.5030, -13.0660, -9.2111

Protanomaly

187.5970, -15.5773, 2.9844

Deuteranomaly

188.5210, -13.5679, 11.8211

Tritanomaly

187.6570, 0.1691, -7.5922

Monochromacy



Original Color

185.5030, -13.0660, -9.2111

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0120, -4.9359, -3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.5030, -13.0660, -9.2111 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(175, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 196, 159)  
}
```

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(175, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 196, 159) }
```

Border

The CSS property to change the border of an element to YUV 185.5030, -13.0660, -9.2111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

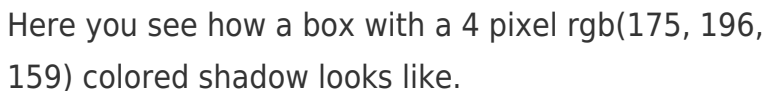
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 196, 159) }
```


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

```
.border{ border-color:rgb(175, 196, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 196, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 196, 159); box-shadow:4px 4px 4px 4px rgb(175, 196, 159) }
```

Background

The CSS property to change the background color of an element to YUV 185.5030, -13.0660, -9.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 196, 159) }
```

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

```
.background{ background-color: rgb(175,  
196, 159) }
```

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