

Converting Colors

YUV(180.3850, -14.4868,
-66.9896)

Have a look what the booklet for
YUV(180.3850, -14.4868, -66.9896)
contains.

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Color

**YUV(180.3850, -14.4868,
-66.9896)**

Conversions

Conversions Part 1

Format	Color
Hex	68E197
RGB	104, 225, 151
RGB Percent	41%, 88%, 59%
CMY	0.5922, 0.1176, 0.4078
CMYK	0.54, 0.00, 0.33, 0.12
HSL	143°, 67%, 65%
HSV	143°, 54%, 88%
XYZ	38.2200, 59.0278, 38.6573
YIQ	180.3850, -48.3620, -48.6660

Conversions

Conversions Part 2

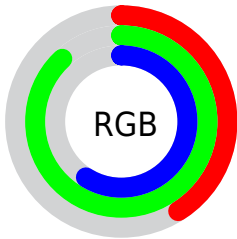
Format	Color
RYB	104, 191, 225
Decimal	6873495
CIELab	81.31, -50.37, 26.15
CIELCh	81, 56.758, 152.564
Yxy	59.0278, 0.2812, 0.4343
Android (android.graphics.Color)	4285063575 (0xFF68E197)
YUV	180.3850, -14.4868, -66.9896
Hunter-Lab	76.8296, -45.6542, 23.9486

Details

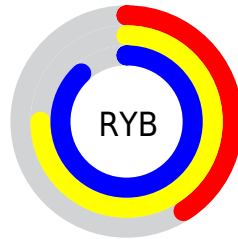
The YUV color **180.3850, -14.4868, -66.9896** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **148.6150, 14.4868, 66.9896**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9060, -7.8417, -51.6606**, and **121.9650, -10.8287, -73.6373** is the 20% darker color. If you saturate the color by 10%, you get **172.2110, -17.3590, -79.1150**, and if you desaturate by 10%, it is **188.5590, -11.6146, -54.8642**.

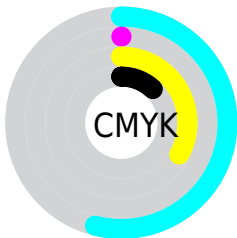
Distribution



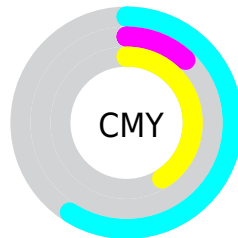
- Red (41%)
- Green (88%)
- Blue (59%)



- Red (41%)
- Yellow (75%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)



- Cyan (59%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3850, -14.4868, -66.9896 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 180.3850, -14.4868, -66.9896 by changing the saturation by 10% instead.

■ 180.3850,
-14.4868, -66.9896

■ 180.3850,
-14.4868, -66.9896

■ 255.0000, 0.0000,
0.0000

■ 151.7160,
-13.1710, -69.0339

■ 221.9060, -7.8417,
-51.6606

■ 121.9650,
-10.8287, -73.6373

■ 233.7690, 0.1139,
-36.6314

■ 91.9040, -8.3337,
-80.5998

■ 245.1330, 4.8644,
-20.2876

■ 73.4330, -10.5665,
-64.4007

■ 254.1030, 0.4422,
-1.8443

■ 56.1360, -13.3780,
-49.2313

■ 38.7250, -16.6264,
-33.9618

■ 25.2410, -12.4438,

-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 180.3850,
-14.4868, -66.9896

■ 180.3850,
-14.4868, -66.9896

■ 172.2110,
-17.3590, -79.1150

■ 188.5590,
-11.6146, -54.8642

■ 163.7380,
-20.0838, -91.8552

■ 197.0320, -8.8898,
-42.1241

■ 155.6780,
-22.5193, -104.0806

■ 205.3910, -6.6018,
-29.2839

■ 147.2050,
-25.2441, -116.8208

■ 213.5650, -3.7295,
-17.1585

■ 141.9930,
-27.1115, -124.5279

■ 222.0380, -1.0047,
-4.4183

■ 230.2120, 1.8675,
7.7071

■ 236.4780, 5.1873,
16.2438

■ 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



191.2440, -40.5463, -15.1230



180.3850, -14.4868, -66.9896



157.7930, 23.2731, -138.3845

Triad

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



180.3850, -14.4868, -66.9896



184.9750, 34.5223, -59.6141



189.3850, -20.4028, 57.5444

Complementary

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



180.3850, -14.4868, -66.9896



148.6150, 14.4868, 66.9896

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.



191.0900, 3.8996, 56.0491



180.3850, -14.4868, -66.9896



201.6400, 26.3065, 9.0857

Square

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



180.3850, -14.4868, -66.9896



158.2100, 47.7175, -138.7502



203.0020, 24.1560, 45.6022



194.8040, -42.7944, 52.7919

Rectangle

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



180.3850, -14.4868, -66.9896



161.8970, 38.9978, -141.9837



203.0020, 24.1560, 45.6022



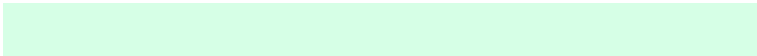
188.8610, -12.2565, 58.0039

Sweetspot

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



180.3850, -14.4868, -66.9896



239.8910, -4.8763, -22.7064



197.4520, -46.0718, -16.1824



118.8150, -2.8668, -13.8698



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.



180.3850, -14.4868, -66.9896



193.8520, -19.6470, -91.9552



187.2250, 11.7211, -72.9883



107.9130, -1.4361, -6.0627



111.0640, -21.2306, -97.4031



30.3420, -5.5916, -26.6099

Inverse Universe

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



148.6150, 14.4868, 66.9896



150.2620, 20.0838, 91.8552



141.7750, -11.7211, 72.9883



105.0870, 1.4361, 6.0627



64.9360, 21.2306, 97.4031



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 180.3850, -14.4868, -66.9896 looks on a white background.

Color Contrast Check

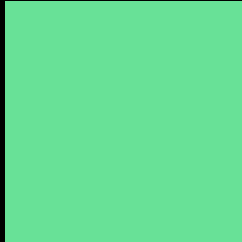
Large Text (above 18pt) WCAG AA × Fail

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 180.3850, -14.4868, -66.9896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

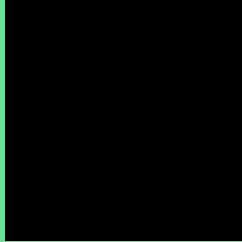
Any Text WCAG AA ✓ Pass

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 180.3850, -14.4868, -66.9896 Background



This preview shows how black text looks on a background with the YUV color 180.3850, -14.4868, -66.9896.



This preview shows how white text looks on a background with the YUV color 180.3850, -14.4868, -66.9896.

-66.9896.

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

180.3850, -14.4868, -66.9896

Protanopia

197.9440, -28.5664, 15.8351

Deuteranopia

201.2690, -21.3316, 28.7051



Tritanopia

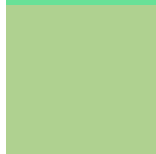
190.3270, 20.5448, -56.4148

Trichromacy



Original Color

180.3850, -14.4868, -66.9896



Protanomaly

191.4240, -23.3800, -14.4038



Deuteranomaly

193.9180, -19.1866, -6.0671



Tritanomaly

186.9770, 7.8993, -60.4928

Monochromacy



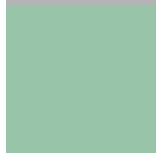
Original Color

180.3850, -14.4868, -66.9896



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.7660, -5.3076, -24.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3850, -14.4868, -66.9896 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(104, 225, 151)` looks like.

```
.text, #text, p{  
    color:rgb(104, 225, 151)  
}
```

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(104, 225, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 225, 151) }
```

Border

The CSS property to change the border of an element to YUV 180.3850, -14.4868, -66.9896 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(104, 225, 151) }
```


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

```
.border{ border-color:rgb(104, 225, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 225, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 225, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 225, 151);  
box-shadow:4px 4px 4px 4px rgb(104, 225,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 180.3850, -14.4868, -66.9896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 225, 151) }
```

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

```
.background{ background-color: rgb(104,  
225, 151) }
```

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](#).

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