

Converting Colors

YUV(177.5050, -16.5180,
-68.8489)

Have a look what the booklet for
YUV(177.5050, -16.5180, -68.8489)
contains.

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Color

**YUV(177.5050, -16.5180,
-68.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	63E090
RGB	99, 224, 144
RGB Percent	39%, 88%, 56%
CMY	0.6118, 0.1216, 0.4353
CMYK	0.56, 0.00, 0.36, 0.12
HSL	142°, 67%, 63%
HSV	142°, 56%, 88%
XYZ	36.8353, 57.9776, 35.6349
YIQ	177.5050, -48.8200, -51.3800

Conversions

Conversions Part 2

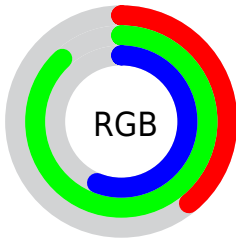
Format	Color
R_{YB}	99, 191, 224
Decimal	6545552
CIE _{Lab}	80.73, -52.38, 28.94
CIE _{LCh}	81, 59.847, 151.079
Yxy	57.9776, 0.2824, 0.4445
Android (android.graphics.Color)	4284735632 (0xFF63E090)
YUV	177.5050, -16.5180, -68.8489
Hunter-Lab	76.1430, -46.8983, 25.5524

Details

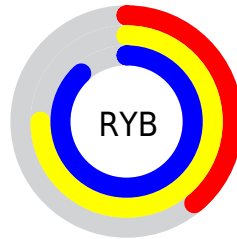
The YUV color **177.5050, -16.5180, -68.8489** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **145.4950, 16.5180, 68.8489**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4990, -10.5990, -53.9346**, and **117.5900, -12.1229, -78.5704** is the 20% darker color. If you saturate the color by 10%, you get **169.3310, -19.3902, -80.9743**, and if you desaturate by 10%, it is **185.6790, -13.6457, -56.7235**.

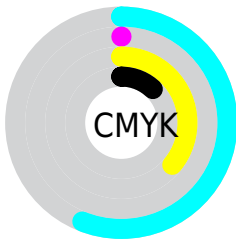
Distribution



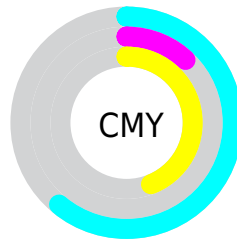
- Red (39%)
- Green (88%)
- Blue (56%)



- Red (39%)
- Yellow (75%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5050, -16.5180, -68.8489 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 177.5050, -16.5180, -68.8489 by changing the saturation by 10% instead.

■ 177.5050,
-16.5180, -68.8489

■ 177.5050,
-16.5180, -68.8489

255.0000, 0.0000,
0.0000

■ 148.5370,
-15.0547, -71.5079

■ 219.4990,
-10.5990, -53.9346

■ 117.5900,
-12.1229, -78.5704

■ 231.7750, -2.3541,
-38.3907

■ 90.5190, -11.1019,
-79.3852

■ 243.6380, 5.6015,
-23.3615

■ 72.0480, -13.3347,
-63.1861

■ 252.9070, 1.0318,
-4.3034

■ 54.7510, -16.1462,
-48.0166

■ 37.5680, -18.5210,
-32.9471

■ 24.6540, -12.1544,

-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 177.5050,
-16.5180, -68.8489

■ 177.5050,
-16.5180, -68.8489

■ 169.3310,
-19.3902, -80.9743

■ 185.6790,
-13.6457, -56.7235

■ 160.7440,
-22.5518, -93.6145


■ 194.2660,
-10.4841, -44.0833


■ 152.5700,
-25.4240, -105.7399


■ 202.4400, -7.6119,
-31.9579

■ 144.0970,
-28.1488, -118.4801


■ 210.9130, -4.8871,
-19.2177

 140.7220,
-29.4429, -123.4132

 219.2010, -1.5781,
-7.1923

 227.3750, 1.2941,
4.9331

 235.5490, 4.1663,
17.0585

 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



189.0440, -43.8987, -13.1936



177.5050, -16.5180, -68.8489



156.7500, 21.8152, -137.4698

Triad

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



177.5050, -16.5180, -68.8489



178.9950, 37.4705, -71.9096



186.2220, -19.8294, 60.3183

Complementary

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



177.5050, -16.5180, -68.8489



145.4950, 16.5180, 68.8489

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.



188.3830, 6.2202, 58.4231



177.5050, -16.5180, -68.8489



199.2590, 27.4803, 5.9119

Square

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



177.5050, -16.5180, -68.8489



158.2100, 47.7175, -138.7502



200.9960, 26.6240, 47.3615



192.4730, -44.1102, 54.8362

Rectangle

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



177.5050, -16.5180, -68.8489



161.0820, 38.4136, -141.2689



200.9960, 26.6240, 47.3615



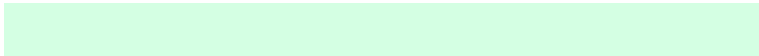
185.8120, -11.2463, 60.6779

Sweetspot

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



177.5050, -16.5180, -68.8489



238.9510, -5.8918, -23.6360



196.5940, -48.1138, -14.5529



118.2880, -3.5930, -14.2846



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.



177.5050, -16.5180, -68.8489



191.4450, -22.4044, -94.2293



184.4590, 10.1267, -74.9475



107.9130, -1.4361, -6.0627



110.4940, -23.4145, -96.9032



30.1140, -6.4652, -26.4100

Inverse Universe

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



145.4950, 16.5180, 68.8489



147.5550, 22.4044, 94.2293



138.5410, -10.1267, 74.9475



105.0870, 1.4361, 6.0627



65.5060, 23.4145, 96.9032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 177.5050, -16.5180, -68.8489 looks on a white background.

Color Contrast Check

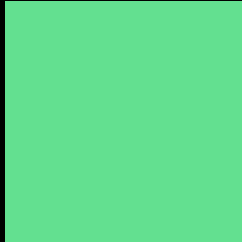
Large Text (above 18pt) WCAG AA × Fail

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 177.5050, -16.5180, -68.8489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

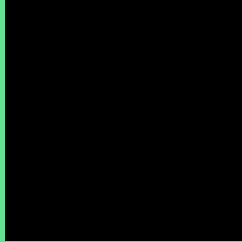
Any Text WCAG AA ✓ Pass

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 177.5050, -16.5180, -68.8489 Background



This preview shows how black text looks on a background with the YUV color 177.5050, -16.5180, -68.8489.



This preview shows how white text looks on a background with the YUV color 177.5050, -16.5180, -68.8489.

-68.8489.

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

177.5050, -16.5180, -68.8489

Protanopia

196.5590, -31.3346, 17.0498

Deuteranopia

199.4110, -23.3736, 30.3346



Tritanopia

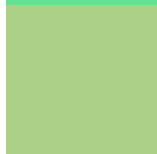
188.1420, 21.1290, -57.1295

Trichromacy



Original Color

177.5050, -16.5180, -68.8489



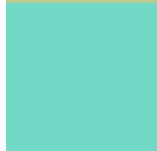
Protanomaly

189.4410, -25.8534, -14.4188



Deuteranomaly

191.4620, -20.9338, -5.6672



Tritanomaly

184.1510, 7.3206, -61.5224

Monochromacy



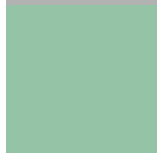
Original Color

177.5050, -16.5180, -68.8489



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.9400, -5.8864, -25.3804

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5050, -16.5180, -68.8489 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(99, 224, 144)` looks like.

```
.text, #text, p{  
    color:rgb(99, 224, 144)  
}
```

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(99, 224, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 224, 144) }
```

Border

The CSS property to change the border of an element to YUV 177.5050, -16.5180, -68.8489 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(99, 224, 144) }
```


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

```
.border{ border-color:rgb(99, 224, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 224, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 224, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 224, 144);  
box-shadow:4px 4px 4px 4px rgb(99, 224,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 177.5050, -16.5180, -68.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 224, 144) }
```

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

```
.background{ background-color: rgb(99, 224,  
144) }
```

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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