

Converting Colors

YUV(188.4030, -35.2017,
-49.4654)

Have a look what the booklet for
YUV(188.4030, -35.2017, -49.4654)
contains.

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Color

**YUV(188.4030, -35.2017,
-49.4654)**

Conversions

Conversions Part 1

Format	Color
Hex	84E775
RGB	132, 231, 117
RGB Percent	52%, 91%, 46%
CMY	0.4824, 0.0941, 0.5412
CMYK	0.43, 0.00, 0.49, 0.09
HSL	112°, 70%, 68%
HSV	112°, 49%, 91%
XYZ	41.3025, 63.3417, 26.8789
YIQ	188.4030, -22.4100, -56.4420

Conversions

Conversions Part 2

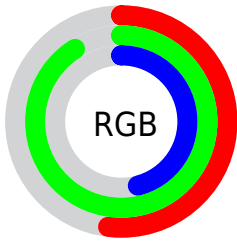
Format	Color
RYB	117, 231, 216
Decimal	8710005
CIELab	83.62, -50.69, 46.30
CIELCh	84, 68.649, 137.590
Yxy	63.3417, 0.3140, 0.4816
Android (android.graphics.Color)	4286900085 (0xFF84E775)
YUV	188.4030, -35.2017, -49.4654
Hunter-Lab	79.5875, -46.6443, 35.6874

Details

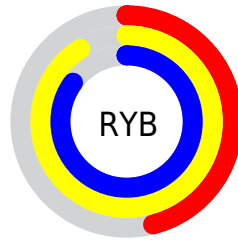
The YUV color **188.4030, -35.2017, -49.4654** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **159.5970, 35.2017, 49.4654**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9890, -27.1096, -31.5624**, and **132.2610, -33.1597, -51.0949** is the 20% darker color. If you saturate the color by 10%, you get **179.8010, -42.2999, -59.4615**, and if you desaturate by 10%, it is **197.0050, -28.1035, -39.4694**.

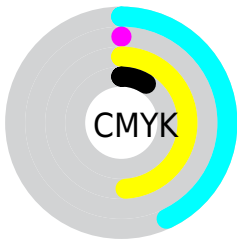
Distribution



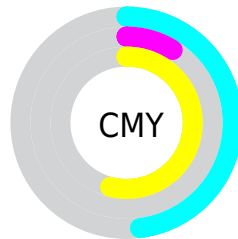
- Red (52%)
- Green (91%)
- Blue (46%)



- Red (46%)
- Yellow (91%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (49%)
- Black (9%)



- Cyan (48%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.4030, -35.2017, -49.4654 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 188.4030, -35.2017, -49.4654 by changing the saturation by 10% instead.

■ 188.4030,
-35.2017, -49.4654

■ 188.4030,
-35.2017, -49.4654

255.0000, 0.0000,
0.0000

■ 159.7450,
-33.8913, -49.7654

■ 225.9890,
-27.1096, -31.5624

■ 132.2610,
-33.1597, -51.0949

■ 237.8520,
-19.1540, -16.5332

■ 103.2930,
-31.6964, -53.7540

■ 250.1280,
-10.9091, -0.9893

■ 71.7110, -32.3955,
-62.8905

■ 55.7650, -27.4921,
-48.9059

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,

-24.7104

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 188.4030,
-35.2017, -49.4654

■ 188.4030,
-35.2017, -49.4654

■ 179.8010,
-42.2999, -59.4615

■ 197.0050,
-28.1035, -39.4694

■ 171.1990,
-49.3981, -69.4575


■ 205.6070,
-21.0053, -29.4733


■ 162.5970,
-56.4963, -79.4536


■ 214.2090,
-13.9070, -19.4773


■ 153.9950,
-63.5945, -89.4496


■ 222.8110, -6.8088,
-9.4812

 145.3930,
-70.6927, -99.4457

 231.5270, 0.7262,
0.4148

 144.5670,
-71.2715, -100.4753

 240.0150, 7.3876,
10.5108

 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



197.9360, -60.1144, 7.9491



188.4030, -35.2017, -49.4654



160.5850, 8.5856, -140.8330

Triad

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



188.4030, -35.2017, -49.4654



159.9710, 46.8493, -140.2946



185.1910, -6.0102, 61.2225

Complementary

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



188.4030, -35.2017, -49.4654



159.5970, 35.2017, 49.4654

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.



193.7750, 21.8029, 53.6943



188.4030, -35.2017, -49.4654



196.3810, 28.8992, -29.2751

Square

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



188.4030, -35.2017, -49.4654



167.6020, 43.0872, -146.9870



208.6270, 22.8619, 40.6691



189.7320, -36.8429, 57.2400

Rectangle

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



188.4030, -35.2017, -49.4654



166.3020, 27.9521, -145.8469



208.6270, 22.8619, 40.6691



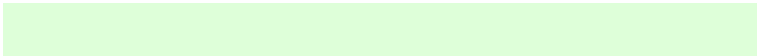
186.4110, 3.7414, 60.1526

Sweetspot

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



188.4030, -35.2017, -49.4654



240.8010, -11.7339, -16.4885



209.1990, -45.4541, 19.1195



119.3980, -7.0982, -9.9960



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.



188.4030, -35.2017, -49.4654



198.7310, -46.2094, -65.5391



188.7060, -14.6451, -62.8862



110.6420, -3.7675, -4.9480



111.9500, -55.1913, -78.0091



32.0300, -15.7908, -21.9513

Inverse Universe

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



159.5970, 35.2017, 49.4654



160.9700, 46.3568, 64.9243



159.2940, 14.6451, 62.8862



107.3580, 3.7675, 4.9480



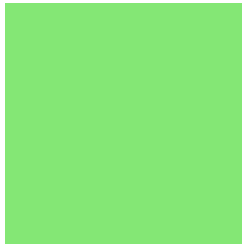
66.7510, 55.3388, 77.3944



18.9700, 15.7908, 21.9513

Previews

White Background



This preview shows how the YUV color 188.4030, -35.2017, -49.4654 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 188.4030, -35.2017, -49.4654 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

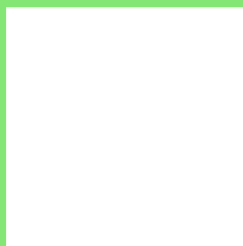
Any Text WCAG AAA ✓ Pass

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

YUV 188.4030, -35.2017, -49.4654 Background



This preview shows how black text looks on a background with the YUV color 188.4030, -35.2017, -49.4654.



This preview shows how white text looks on a background with the YUV color 188.4030, -35.2017, -49.4654.

-49.4654.

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

188.4030, -35.2017, -49.4654

Protanopia

202.1070, -45.9018, 22.7082

Deuteranopia

205.5250, -39.6988, 39.8816



Tritanopia

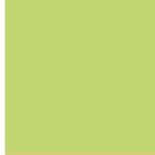
200.8020, 16.8596, -41.0454

Trichromacy



Original Color

188.4030, -35.2017, -49.4654



Protanomaly

197.2670, -42.0366, -3.7422



Deuteranomaly

199.3700, -38.1434, 7.5685



Tritanomaly

196.4430, -2.1904, -44.2385

Monochromacy



Original Color

188.4030, -35.2017, -49.4654



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.4480, -13.0389, -17.9329

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.4030, -35.2017, -49.4654 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(132, 231, 117)` looks like.

```
.text, #text, p{  
    color:rgb(132, 231, 117)  
}
```

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(132, 231, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 231, 117) }
```

Border

The CSS property to change the border of an element to YUV 188.4030, -35.2017, -49.4654 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(132, 231, 117) }
```


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

```
.border{ border-color:rgb(132, 231, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 231, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 231, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 231, 117);  
box-shadow:4px 4px 4px 4px rgb(132, 231,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 188.4030, -35.2017, -49.4654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 231, 117) }
```

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

```
.background{ background-color: rgb(132,  
231, 117) }
```

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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