

Converting Colors

YUV(184.8300, -26.0452,
-46.3319)

Have a look what the booklet for
YUV(184.8300, -26.0452, -46.3319)
contains.

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Color

**YUV(184.8300, -26.0452,
-46.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	84DE84
RGB	132, 222, 132
RGB Percent	52%, 87%, 52%
CMY	0.4824, 0.1294, 0.4824
CMYK	0.41, 0.00, 0.41, 0.13
HSL	120°, 58%, 69%
HSV	120°, 41%, 87%
XYZ	39.8019, 58.8140, 31.0843
YIQ	184.8300, -24.7500, -47.0700

Conversions

Conversions Part 2

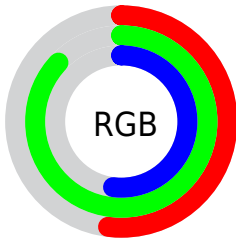
Format	Color
RYB	132, 222, 222
Decimal	8707716
CIELab	81.19, -44.84, 35.88
CIELCh	81, 57.430, 141.340
Yxy	58.8140, 0.3069, 0.4535
Android (android.graphics.Color)	4286897796 (0xFF84DE84)
YUV	184.8300, -26.0452, -46.3319
Hunter-Lab	76.6903, -41.5675, 29.6517

Details

The YUV color **184.8300, -26.0452, -46.3319** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **169.1700, 26.0452, 46.3319**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4000, -20.4102, -33.6768**, and **129.4000, -23.8612, -46.8318** is the 20% darker color. If you saturate the color by 10%, you get **175.7440, -32.4118, -57.6575**, and if you desaturate by 10%, it is **193.9160, -19.6786, -35.0063**.

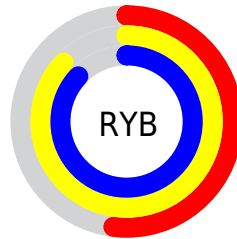
Distribution



Red (52%)

Green (87%)

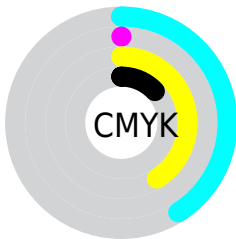
Blue (52%)



Red (52%)

Yellow (87%)

Blue (87%)

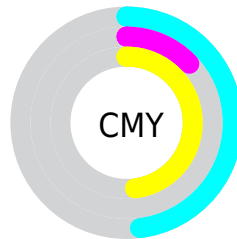


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (13%)



Cyan (48%)

Magenta (13%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8300, -26.0452, -46.3319 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 184.8300, -26.0452, -46.3319 by changing the saturation by 10% instead.

■ 184.8300,
-26.0452, -46.3319

■ 184.8300,
-26.0452, -46.3319

255.0000, 0.0000,
0.0000

■ 157.0580,
-25.1716, -46.5319

■ 227.4000,
-20.4102, -33.6768

■ 129.4000,
-23.8612, -46.8318

■ 239.2630,
-12.4547, -18.6477

■ 102.0300,
-22.6928, -48.2613

■ 251.2400, -4.0623,
-3.7185

■ 71.1750, -19.3133,
-58.9125

■ 52.2260, -23.2824,
-45.8022

■ 37.5680, -18.5210,
-32.9471

■ 24.6540, -12.1544,

-21.6216

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 184.8300,
-26.0452, -46.3319

■ 184.8300,
-26.0452, -46.3319

■ 175.7440,
-32.4118, -57.6575

■ 193.9160,
-19.6786, -35.0063

■ 166.6580,
-38.7784, -68.9831

■ 203.0020,
-13.3120, -23.6808

■ 157.1590,
-45.4344, -80.8234

■ 212.5010, -6.6560,
-11.8404

■ 148.0730,
-51.8010, -92.1490

■ 221.5870, -0.2894,
-0.5148

■ 138.9870,
-58.1676, -103.4746

■ 230.6730, 6.0772,
10.8108

■ 130.3140,
-64.2448, -114.2854

■ 235.6290, 9.5499,
16.9884

Harmonies

Analogous

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



192.9320, -47.2945, 2.6906



184.8300, -26.0452, -46.3319



154.8120, 14.3897, -135.7701

Triad

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



184.8300, -26.0452, -46.3319



168.4640, 42.6622, -103.8929



188.3880, -11.5303, 58.4187

Complementary

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



184.8300, -26.0452, -46.3319



169.1700, 26.0452, 46.3319

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.



194.0710, 12.7830, 53.4347



184.8300, -26.0452, -46.3319



196.7680, 28.7084, -14.7055

Square

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



184.8300, -26.0452, -46.3319



160.5580, 46.5599, -140.8094



206.2680, 24.0249, 40.9840



191.9490, -35.9639, 55.2957

Rectangle

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



184.8300, -26.0452, -46.3319



159.6170, 30.2618, -139.9841



206.2680, 24.0249, 40.9840



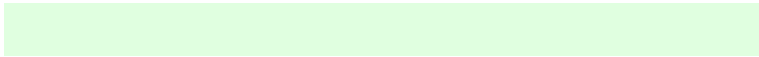
188.6790, -2.7997, 58.1635

Sweetspot

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



184.8300, -26.0452, -46.3319



242.1970, -8.9711, -15.9588



211.7400, -39.3118, 8.9980



120.5660, -5.2090, -9.2664



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.



184.8300, -26.0452, -46.3319



203.3750, -36.1739, -64.3499



189.9600, -6.3893, -50.8309



107.4570, -3.1833, -5.6628



103.3120, -50.9328, -90.6046



28.1760, -13.8908, -24.7104

Inverse Universe

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



169.1700, 26.0452, 46.3319



181.6250, 36.1739, 64.3499



164.0400, 6.3893, 50.8309



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 184.8300, -26.0452, -46.3319 looks on a white background.

Color Contrast Check

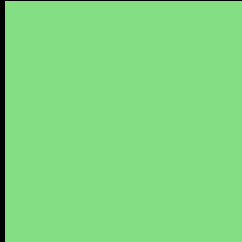
Large Text (above 18pt) WCAG AA × Fail

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 184.8300, -26.0452, -46.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

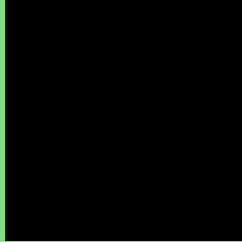
Any Text WCAG AA ✓ Pass

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 184.8300, -26.0452, -46.3319 Background



This preview shows how black text looks on a background with the YUV color 184.8300, -26.0452, -46.3319.



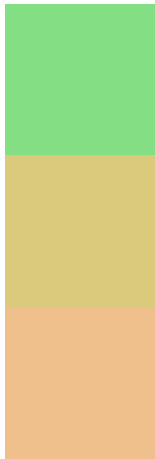
This preview shows how white text looks on a background with the YUV color 184.8300, -26.0452, -46.3319.

-46.3319.

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

184.8300, -26.0452, -46.3319

Protanopia

197.6040, -36.2868, 18.7643

Deuteranopia

200.0110, -30.0784, 34.1934



Tritanopia

194.9980, 16.2700, -38.5862

Trichromacy



Original Color

184.8300, -26.0452, -46.3319



Protanomaly

193.0740, -32.5745, -5.3269



Deuteranomaly

194.4650, -28.8232, 4.8542



Tritanomaly

191.2630, 0.8563, -41.4497

Monochromacy



Original Color

184.8300, -26.0452, -46.3319



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.7840, -9.2605, -16.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8300, -26.0452, -46.3319 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, 222, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 222, 132)  
}
```

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, 222, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 222, 132) }
```

Border

The CSS property to change the border of an element to YUV 184.8300, -26.0452, -46.3319 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, 222, 132) }
```


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

```
.border{ border-color:rgb(132, 222, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 222, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 222, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 222, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 222,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 184.8300, -26.0452, -46.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 222, 132) }
```

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

```
.background{ background-color: rgb(132,  
222, 132) }
```

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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