

Converting Colors

YUV(186.5050, -46.5910,
-36.3999)

Have a look what the booklet for
YUV(186.5050, -46.5910, -36.3999)
contains.

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Color

**YUV(186.5050, -46.5910,
-36.3999)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 91E25C |
| RGB | 145, 226, 92 |
| RGB Percent | 57%, 89%, 36% |
| CMY | 0.4314, 0.1137, 0.6392 |
| CMYK | 0.36, 0.00, 0.59, 0.11 |
| HSL | 96°, 70%, 62% |
| HSV | 96°, 59%, 89% |
| XYZ | 40.8052, 61.1852, 19.7845 |
| YIQ | 186.5050, -5.2620, -58.8460 |

Conversions

Conversions Part 2

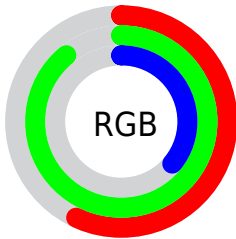
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 92, 226, 173 |
| Decimal | 9560668 |
| CIELab | 82.48, -47.28, 56.51 |
| CIElCh | 82, 73.683, 129.920 |
| Yxy | 61.1852, 0.3351, 0.5024 |
| Android (android.graphics.Color) | 4287750748 (0xFF91E25C) |
| YUV | 186.5050, -46.5910, -36.3999 |
| Hunter-Lab | 78.2209, -43.7693, 39.7584 |

Details

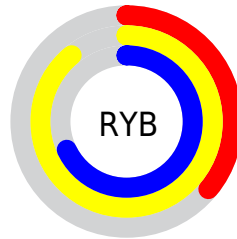
The YUV color **186.5050, -46.5910, -36.3999** is a light color, and the websafe version is hex **66CC33**. The color can be described as light muted chartreuse. A complement of this color would be **131.4950, 46.5910, 36.3999**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0260, -39.9458, -21.0708**, and **130.2060, -46.4436, -37.0147** is the 20% darker color. If you saturate the color by 10%, you get **179.6970, -54.5736, -42.7073**, and if you desaturate by 10%, it is **193.3130, -38.6083, -30.0925**.

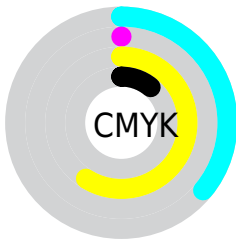
Distribution



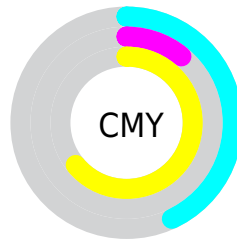
- Red (57%)
- Green (89%)
- Blue (36%)



- Red (36%)
- Yellow (89%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5050, -46.5910, -36.3999 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 186.5050, -46.5910, -36.3999 by changing the saturation by 10% instead.

■ 186.5050,
-46.5910, -36.3999

■ 186.5050,
-46.5910, -36.3999

255.0000, 0.0000,
0.0000

■ 158.6190,
-46.1542, -36.4999

■ 227.0260,
-39.9458, -21.0708

■ 130.2060,
-46.4436, -37.0147

■ 238.8890,
-31.9903, -6.0417

■ 101.5820,
-50.0799, -37.3444

■ 249.0720,
-22.7135, 5.1989

■ 75.5560, -37.2491,
-46.0916

■ 252.2640,
-10.4832, 2.3995

■ 53.4170, -26.3346,
-46.8467

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 186.5050,
-46.5910, -36.3999

■ 186.5050,
-46.5910, -36.3999

■ 179.6970,
-54.5736, -42.7073

■ 193.3130,
-38.6083, -30.0925

■ 173.3020,
-62.2669, -48.4999


■ 199.7080,
-30.9150, -24.2999


■ 166.4940,
-70.2495, -54.8072

■ 206.5160,
-22.9324, -17.9925


■ 159.8000,
-77.7954, -61.2146

■ 213.2100,
-15.3865, -11.5852


 159.2730,
-78.5216, -61.6294

 219.7190, -7.2565,
-5.8926

 226.5270, 0.7262,
0.4148

 233.2210, 8.2720,
6.8222

 237.6780, 8.5397,
14.3144

 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



194.6190, -69.3252, 22.2591



186.5050, -46.5910, -36.3999



155.6150, -0.3032, -136.4744

Triad

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



186.5050, -46.5910, -36.3999



161.1450, 46.2705, -141.3242



180.1020, 2.4147, 65.6855

Complementary

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



186.5050, -46.5910, -36.3999



131.4950, 46.5910, 36.3999

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.



193.2510, 29.9493, 54.1539



186.5050, -46.5910, -36.3999



181.9960, 35.9910, -64.0175

Square

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



186.5050, -46.5910, -36.3999



167.6020, 43.0872, -146.9870



204.4300, 24.9310, 30.3179



182.0840, -30.6074, 63.9473

Rectangle

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



186.5050, -46.5910, -36.3999



162.8480, 19.7949, -142.8177



204.4300, 24.9310, 30.3179



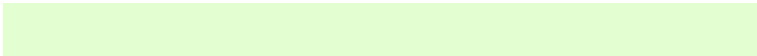
182.7240, 12.4611, 63.3861

Sweetspot

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



186.5050, -46.5910, -36.3999



241.3840, -15.9653, -12.6148



179.0260, -42.9038, 41.1962



119.6110, -10.1612, -7.5518



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.



186.5050, -46.5910, -36.3999



201.7750, -62.9931, -48.9147



172.1400, -33.1000, -70.2828



108.6530, -3.7729, -3.2037



124.2420, -61.2513, -47.5702



33.8570, -16.6915, -13.0296

Inverse Universe

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



131.4950, 46.5910, 36.3999



127.2250, 62.9931, 48.9147



145.8600, 33.1000, 70.2828



104.3470, 3.7729, 3.2037



51.7580, 61.2513, 47.5702



14.1430, 16.6915, 13.0296

Previews

White Background



This preview shows how the YUV color 186.5050, -46.5910, -36.3999 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 186.5050, -46.5910, -36.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

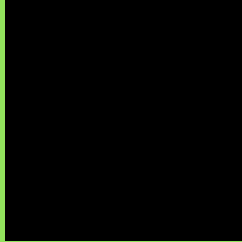
Any Text WCAG AA ✓ Pass

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 186.5050, -46.5910, -36.3999 Background



This preview shows how black text looks on a background with the YUV color 186.5050, -46.5910, -36.3999.



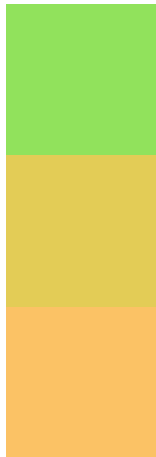
This preview shows how white text looks on a background with the YUV color 186.5050, -46.5910, -36.3999.

-36.3999.

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

186.5050, -46.5910, -36.3999

Protanopia

197.4250, -54.9325, 25.9373

Deuteranopia

200.4410, -49.0244, 44.3402



Tritanopia

200.1840, 14.2063, -29.9794

Trichromacy



Original Color

186.5050, -46.5910, -36.3999

Protanomaly

193.3790, -51.9518, 3.1756

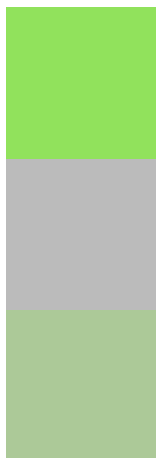
Deuteranomaly

195.4820, -48.0586, 14.4863

Tritanomaly

195.0270, -7.9013, -32.4727

Monochromacy



Original Color

186.5050, -46.5910, -36.3999

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7430, -17.1283, -12.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5050, -46.5910, -36.3999 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(145, 226, 92)` looks like.

```
.text, #text, p{  
    color:rgb(145, 226, 92)  
}
```

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(145, 226, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 226, 92) }
```

Border

The CSS property to change the border of an element to YUV 186.5050, -46.5910, -36.3999 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(145, 226, 92) }
```


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

```
.border{ border-color:rgb(145, 226, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 226, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 226, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 226, 92);  
box-shadow:4px 4px 4px 4px rgb(145, 226,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 186.5050, -46.5910, -36.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 226, 92) }
```

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

```
.background{ background-color: rgb(145,  
226, 92) }
```

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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