

Converting Colors

YUV(186.4940, -33.2745,
-60.9462)

Have a look what the booklet for
YUV(186.4940, -33.2745, -60.9462)
contains.

YUV(186.4940, -33.2745, -60.9462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.4940, -33.2745,
-60.9462)**

Conversions

Conversions Part 1

Format	Color
Hex	75EB77
RGB	117, 235, 119
RGB Percent	46%, 92%, 47%
CMY	0.5412, 0.0784, 0.5333
CMYK	0.50, 0.00, 0.49, 0.08
HSL	121°, 75%, 69%
HSV	121°, 50%, 92%
XYZ	40.3742, 64.5305, 27.7804
YIQ	186.4940, -33.0920, -61.0920

Conversions

Conversions Part 2

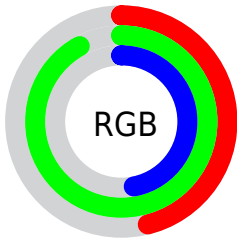
Format	Color
RYB	117, 233, 235
Decimal	7727991
CIELab	84.24, -56.21, 45.98
CIELCh	84, 72.624, 140.719
Yxy	64.5305, 0.3043, 0.4863
Android (android.graphics.Color)	4285918071 (0xFF75EB77)
YUV	186.4940, -33.2745, -60.9462
Hunter-Lab	80.3309, -50.8651, 35.7276

Details

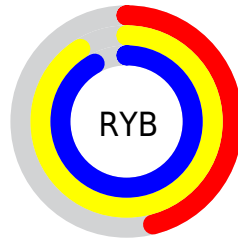
The YUV color **186.4940, -33.2745, -60.9462** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **165.5060, 33.2745, 60.9462**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0310, -24.1723, -40.3692**, and **128.2700, -30.2061, -65.1348** is the 20% darker color. If you saturate the color by 10%, you get **176.9950, -39.9305, -72.7866**, and if you desaturate by 10%, it is **196.2920, -26.7660, -48.4911**.

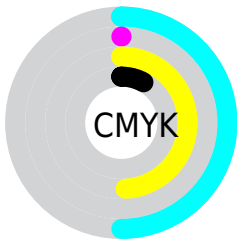
Distribution



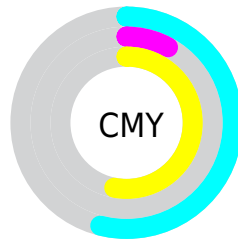
- Red (46%)
- Green (92%)
- Blue (47%)



- Red (46%)
- Yellow (91%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4940, -33.2745, -60.9462 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 186.4940, -33.2745, -60.9462 by changing the saturation by 10% instead.

■ 186.4940,
-33.2745, -60.9462

■ 186.4940,
-33.2745, -60.9462

255.0000, 0.0000,
0.0000

■ 157.5370,
-31.8167, -61.8609

■ 222.0310,
-24.1723, -40.3692

■ 128.2700,
-30.2061, -65.1348

■ 234.1930,
-16.3641, -24.7253

■ 93.3110, -25.7893,
-81.8337

■ 246.4690, -8.1192,
-9.1813

■ 73.9280, -31.5165,
-64.8349

■ 57.5260, -28.3603,
-50.4503

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,

-25.7399

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 186.4940,
-33.2745, -60.9462

■ 186.4940,
-33.2745, -60.9462

■ 176.9950,
-39.9305, -72.7866

■ 196.2920,
-26.7660, -48.4911

■ 167.1970,
-46.4391, -85.2418

■ 205.7910,
-20.1100, -36.6507

■ 157.6980,
-53.0951, -97.0821

■ 215.2900,
-13.4540, -24.8103

■ 147.9000,
-59.6037, -109.5373

■ 225.0880, -6.9454,
-12.3552

■ 138.4010,
-66.2597, -121.3777

■ 235.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,
10.2960

Harmonies

Analogous

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



197.9200, -62.5716, 2.7012



186.4940, -33.2745, -60.9462



163.2580, 11.2118, -143.1773

Triad

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



186.4940, -33.2745, -60.9462



160.5580, 46.5599, -140.8094



183.8060, -8.7784, 62.4371

Complementary

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



186.4940, -33.2745, -60.9462



165.5060, 33.2745, 60.9462

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.



190.9710, 21.2133, 56.1534



186.4940, -33.2745, -60.9462



199.0830, 27.5671, -21.9978

Square

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



186.4940, -33.2745, -60.9462



168.7760, 42.5084, -148.0166



206.2790, 24.0195, 42.7283



189.2930, -41.0634, 57.6250

Rectangle

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



186.4940, -33.2745, -60.9462



169.9040, 31.5993, -149.0058



206.2790, 24.0195, 42.7283



183.9660, 1.9888, 62.2968

Sweetspot

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



186.4940, -33.2745, -60.9462



239.3060, -10.9969, -19.5624



220.9500, -51.2473, 10.5679



118.5010, -6.6560, -11.8404



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.



186.4940, -33.2745, -60.9462



192.1530, -42.9664, -79.0642



193.2200, -7.5035, -66.8449



112.4570, -3.1833, -5.6628



106.5890, -51.0694, -93.4786



31.8120, -15.1903, -27.8991

Inverse Universe

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



165.5060, 33.2745, 60.9462



164.8470, 42.9664, 79.0642



158.7800, 7.5035, 66.8449



110.5430, 3.1833, 5.6628



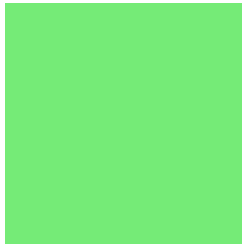
74.4110, 51.0694, 93.4786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 186.4940, -33.2745, -60.9462 looks on a white background.

Color Contrast Check

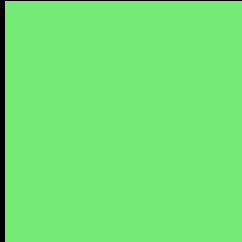
Large Text (above 18pt) WCAG AA × Fail

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 186.4940, -33.2745, -60.9462 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 186.4940, -33.2745, -60.9462 Background



This preview shows how black text looks on a background with the YUV color 186.4940, -33.2745, -60.9462.



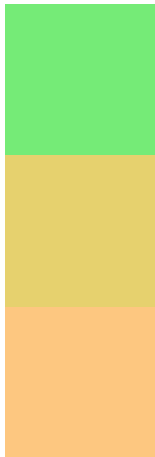
This preview shows how white text looks on a background with the YUV color 186.4940, -33.2745, -60.9462.

-60.9462.

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

186.4940, -33.2745, -60.9462

Protanopia

203.9930, -46.3385, 22.8081

Deuteranopia

207.0520, -38.9726, 40.2964



Tritanopia

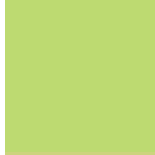
200.4310, 19.5075, -50.3670

Trichromacy



Original Color

186.4940, -33.2745, -60.9462



Protanomaly

197.3590, -41.5890, -7.3308



Deuteranomaly

199.6900, -36.8222, 3.7799



Tritanomaly

195.6590, 0.1681, -54.0749

Monochromacy



Original Color

186.4940, -33.2745, -60.9462



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.3550, -12.0070, -22.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4940, -33.2745, -60.9462 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(117, 235, 119)` looks like.

```
.text, #text, p{  
    color:rgb(117, 235, 119)  
}
```

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(117, 235, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 235, 119) }
```

Border

The CSS property to change the border of an element to YUV 186.4940, -33.2745, -60.9462 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(117, 235, 119) }
```


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

```
.border{ border-color:rgb(117, 235, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 235, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 235, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 235, 119);  
box-shadow:4px 4px 4px 4px rgb(117, 235,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 186.4940, -33.2745, -60.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 235, 119) }
```

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

```
.background{ background-color: rgb(117,  
235, 119) }
```

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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