

Converting Colors

YUV(176.8140, -31.9533,
-64.7349)

Have a look what the booklet for
YUV(176.8140, -31.9533, -64.7349)
contains.

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Color

**YUV(176.8140, -31.9533,
-64.7349)**

Conversions

Conversions Part 1

Format	Color
Hex	67E370
RGB	103, 227, 112
RGB Percent	40%, 89%, 44%
CMY	0.5961, 0.1098, 0.5608
CMYK	0.55, 0.00, 0.51, 0.11
HSL	124°, 69%, 65%
HSV	124°, 55%, 89%
XYZ	35.9872, 58.9916, 24.8190
YIQ	176.8140, -36.9890, -62.0530

Conversions

Conversions Part 2

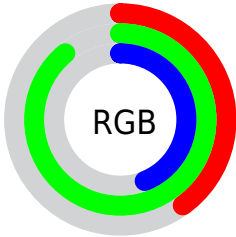
Format	Color
RYB	103, 219, 227
Decimal	6808432
CIELab	81.29, -57.62, 45.56
CIELCh	81, 73.458, 141.664
Yxy	58.9916, 0.3004, 0.4924
Android (android.graphics.Color)	4284998512 (0xFF67E370)
YUV	176.8140, -31.9533, -64.7349
Hunter-Lab	76.8060, -50.7748, 34.6053

Details

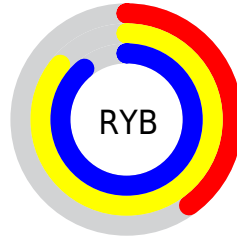
The YUV color **176.8140, -31.9533, -64.7349** is a light color, and the websafe version is hex **33CC66**. A complement of this color would be **153.1860, 31.9533, 64.7349**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3460, -25.3136, -47.6614**, and **116.4970, -27.8530, -73.2269** is the 20% darker color. If you saturate the color by 10%, you get **167.5430, -37.7357, -76.7752**, and if you desaturate by 10%, it is **186.0850, -26.1709, -52.6945**.

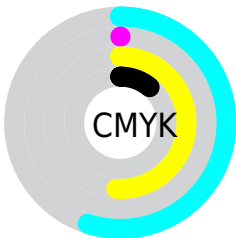
Distribution



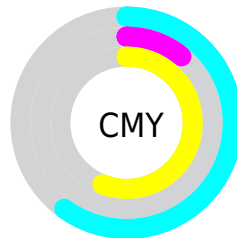
- Red (40%)
- Green (89%)
- Blue (44%)



- Red (40%)
- Yellow (86%)
- Blue (89%)



- Cyan (55%)
- Magenta (0%)
- Yellow (51%)
- Black (11%)



- Cyan (60%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8140, -31.9533, -64.7349 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 176.8140, -31.9533, -64.7349 by changing the saturation by 10% instead.

■ 176.8140,
-31.9533, -64.7349

■ 176.8140,
-31.9533, -64.7349

255.0000, 0.0000,
0.0000

■ 147.2590,
-30.2007, -66.8791

■ 217.3460,
-25.3136, -47.6614

■ 116.4970,
-27.8530, -73.2269

■ 229.2090,
-17.3580, -32.6323

■ 87.8170, -26.5318,
-77.0155

■ 241.3710, -9.5499,
-16.9884

■ 68.6790, -33.8587,
-60.2315

■ 253.9460, -1.4524,
-0.8296

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 176.8140,
-31.9533, -64.7349

■ 176.8140,
-31.9533, -64.7349

■ 167.5430,
-37.7357, -76.7752

■ 186.0850,
-26.1709, -52.6945

■ 158.5710,
-43.6655, -88.2008

■ 195.0570,
-20.2411, -41.2690

■ 149.3000,
-49.4479, -100.2411

■ 204.3280,
-14.4587, -29.2287

■ 140.0290,
-55.2303, -112.2814

■ 213.5990, -8.6763,
-17.1883

■ 135.0730,
-58.7030, -118.4590

■ 222.8700, -2.8939,
-5.1480

■ 231.8420, 3.0359,
6.2776

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



188.7950, -63.0029, 1.0568



176.8140, -31.9533, -64.7349



157.8780, 10.9061, -138.4590

Triad

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



176.8140, -31.9533, -64.7349



155.2750, 49.1644, -136.1762



176.6820, -10.6892, 68.6849

Complementary

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



176.8140, -31.9533, -64.7349



153.1860, 31.9533, 64.7349

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.



183.9610, 19.7392, 62.3012



176.8140, -31.9533, -64.7349



192.0060, 31.0560, -21.0533

Square

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



176.8140, -31.9533, -64.7349



163.4930, 45.1130, -143.3834



200.4090, 26.9134, 47.8763



183.9300, -43.8425, 62.3284

Rectangle

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



176.8140, -31.9533, -64.7349



163.9370, 31.5831, -143.7727



200.4090, 26.9134, 47.8763



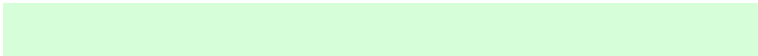
177.5430, 0.2253, 67.9298

Sweetspot

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



176.8140, -31.9533, -64.7349



238.4090, -10.5546, -21.4067



210.4720, -52.9837, 7.4791



117.9030, -6.3612, -13.0699



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.



176.8140, -31.9533, -64.7349



186.9840, -43.3761, -87.6860



183.7680, -5.3086, -70.8335



110.1580, -3.0359, -6.2776



106.5550, -46.1226, -93.4487



30.3930, -13.0117, -26.6547

Inverse Universe

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



153.1860, 31.9533, 64.7349



155.0160, 43.3761, 87.6860



146.2320, 5.3086, 70.8335



107.8420, 3.0359, 6.2776



72.4450, 46.1226, 93.4487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 176.8140, -31.9533, -64.7349 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 176.8140, -31.9533, -64.7349 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 176.8140, -31.9533, -64.7349 Background



This preview shows how black text looks on a background with the YUV color 176.8140, -31.9533, -64.7349.



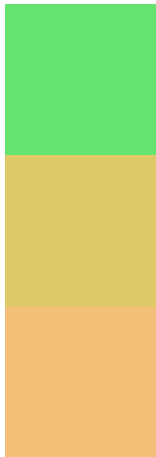
This preview shows how white text looks on a background with the YUV color 176.8140, -31.9533, -64.7349.

-64.7349.

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

176.8140, -31.9533, -64.7349

Protanopia

195.8080, -45.7543, 22.0934

Deuteranopia

198.5680, -38.2410, 38.9669



Tritanopia

191.1210, 19.6603, -52.7261

Trichromacy



Original Color

176.8140, -31.9533, -64.7349



Protanomaly

188.5760, -40.7100, -9.2752



Deuteranomaly

190.6080, -35.7957, 1.2208



Tritanomaly

186.1640, 0.9051, -57.1488

Monochromacy



Original Color

176.8140, -31.9533, -64.7349



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.7570, -11.7122, -23.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8140, -31.9533, -64.7349 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(103, 227, 112)` looks like.

```
.text, #text, p{  
    color:rgb(103, 227, 112)  
}
```

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(103, 227, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 227, 112) }
```

Border

The CSS property to change the border of an element to YUV 176.8140, -31.9533, -64.7349 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(103, 227, 112) }
```


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

```
.border{ border-color:rgb(103, 227, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 227, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 227, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 227, 112);  
box-shadow:4px 4px 4px 4px rgb(103, 227,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 176.8140, -31.9533, -64.7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 227, 112) }
```

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

```
.background{ background-color: rgb(103,  
227, 112) }
```

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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