

Converting Colors

YUV(165.8830, -46.7773,
-70.0574)

Have a look what the booklet for
YUV(165.8830, -46.7773, -70.0574)
contains.

YUV(165.8830, -46.7773, -70.0574)	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(165.8830, -46.7773,
-70.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	56E147
RGB	86, 225, 71
RGB Percent	34%, 88%, 28%
CMY	0.6627, 0.1176, 0.7216
CMYK	0.62, 0.00, 0.68, 0.12
HSL	114°, 72%, 58%
HSV	114°, 68%, 88%
XYZ	31.9003, 56.2838, 15.1438
YIQ	165.8830, -33.4100, -77.3620

Conversions

Conversions Part 2

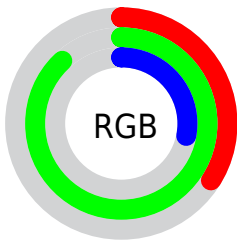
Format	Color
RYB	71, 225, 210
Decimal	5693767
CIELab	79.78, -65.35, 61.51
CIELCh	80, 89.742, 136.735
Yxy	56.2838, 0.3087, 0.5447
Android (android.graphics.Color)	4283883847 (0xFF56E147)
YUV	165.8830, -46.7773, -70.0574
Hunter-Lab	75.0225, -55.3895, 40.5477

Details

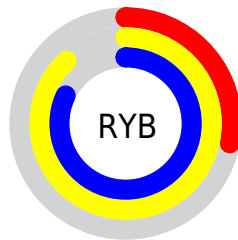
The YUV color **165.8830, -46.7773, -70.0574** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **130.1170, 46.7773, 70.0574**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0130, -40.4324, -51.7544**, and **98.6160, -48.6177, -86.4862** is the 20% darker color. If you saturate the color by 10%, you get **157.3950, -53.4387, -80.1534**, and if you desaturate by 10%, it is **174.4850, -39.6791, -60.0613**.

Distribution



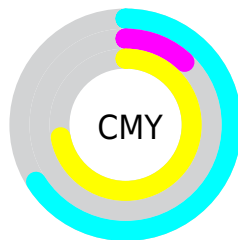
- Red (34%)
- Green (88%)
- Blue (28%)



- Red (28%)
- Yellow (88%)
- Blue (82%)



- Cyan (62%)
- Magenta (0%)
- Yellow (68%)
- Black (12%)



- Cyan (66%)
- Magenta (12%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8830, -46.7773, -70.0574 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 165.8830, -46.7773, -70.0574 by changing the saturation by 10% instead.

■ 165.8830,
-46.7773, -70.0574

■ 165.8830,
-46.7773, -70.0574

■ 255.0000, 0.0000,
0.0000

■ 134.0780,
-45.8875, -75.4904

■ 209.0130,
-40.4324, -51.7544

■ 98.6160, -48.6177,
-86.4862

■ 221.0610,
-33.0611, -36.0105

■ 82.7670, -40.8041,
-72.5867

■ 233.6360,
-24.9635, -19.8518

■ 66.9180, -32.9906,
-58.6871

■ 245.7980,
-17.1554, -4.2078

■ 51.6560, -25.4664,
-45.3023

■ 253.4040, -6.1152,
1.3997

■ 36.9810, -18.2316,
-32.4323

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 165.8830,
-46.7773, -70.0574

■ 165.8830,
-46.7773, -70.0574

■ 157.3950,
-53.4387, -80.1534

■ 174.4850,
-39.6791, -60.0613

■ 148.4940,
-60.3895, -90.7642

■ 183.2720,
-33.1651, -49.3505


■ 139.8920,
-67.4878, -100.7603


■ 191.8740,
-26.0669, -39.3545


■ 138.6530,
-68.3559, -102.3047

■ 200.3620,
-19.4055, -29.2585

■ 209.2630,
-12.4547, -18.6477

 217.7510, -5.7932,
-8.5516

 226.2390, 0.8682,
1.5444

 234.8410, 7.9664,
11.5404

 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



179.5040, -88.4955, 10.9590



165.8830, -46.7773, -70.0574



154.5550, 0.7124, -135.5447

Triad

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



165.8830, -46.7773, -70.0574



157.0360, 48.2963, -137.7206



158.4850, -1.7181, 84.6437

Complementary

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



165.8830, -46.7773, -70.0574



130.1170, 46.7773, 70.0574

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.



170.9960, 33.5260, 73.6715



165.8830, -46.7773, -70.0574



172.5820, 40.6321, -59.2694

Square

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



165.8830, -46.7773, -70.0574



165.2540, 44.2448, -144.9278



194.5390, 29.8073, 53.0243



168.9640, -45.3383, 75.4536

Rectangle

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



165.8830, -46.7773, -70.0574



163.0420, 25.6153, -142.9878



194.5390, 29.8073, 53.0243



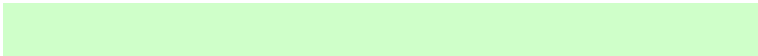
159.2150, 11.2330, 84.0034

Sweetspot

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



165.8830, -46.7773, -70.0574



234.4920, -16.5116, -24.1105



198.6390, -62.9260, 23.1186



115.6810, -9.7027, -14.6292



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.



165.8830, -46.7773, -70.0574



174.6630, -63.4309, -95.2975



168.4660, -17.4847, -85.4777



107.7560, -3.3307, -5.0480



108.3950, -53.4387, -80.1534



29.6710, -14.6278, -21.6365

Inverse Universe

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



130.1170, 46.7773, 70.0574



126.3370, 63.4309, 95.2975



127.5340, 17.4847, 85.4777



105.2440, 3.3307, 5.0480



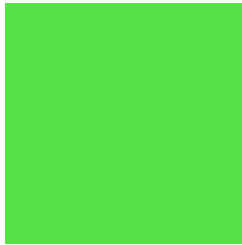
67.6050, 53.4387, 80.1534



18.6280, 14.4804, 22.2512

Previews

White Background



This preview shows how the YUV color 165.8830, -46.7773, -70.0574 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 165.8830, -46.7773, -70.0574 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

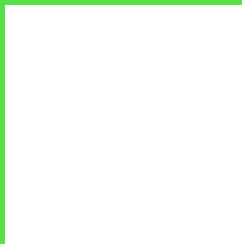
Any Text WCAG AAA ✓ Pass

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

YUV 165.8830, -46.7773, -70.0574 Background



This preview shows how black text looks on a background with the YUV color 165.8830, -46.7773, -70.0574.



This preview shows how white text looks on a background with the YUV color 165.8830, -46.7773, -70.0574.

-70.0574.

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

165.8830, -46.7773, -70.0574

Protanopia

188.0140, -61.6319, 28.0517

Deuteranopia

191.4150, -52.9556, 45.2400



Tritanopia

185.6260, 20.3974, -55.8000

Trichromacy



Original Color

165.8830, -46.7773, -70.0574



Protanomaly

180.1620, -56.2819, -8.0351



Deuteranomaly

182.0200, -50.7889, 3.4905



Tritanomaly

178.1760, -4.0308, -60.6674

Monochromacy



Original Color

165.8830, -46.7773, -70.0574



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.6660, -17.0903, -25.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8830, -46.7773, -70.0574 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(86, 225, 71)` looks like.

```
.text, #text, p{  
    color:rgb(86, 225, 71)  
}
```

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(86, 225, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 225, 71) }
```

Border

The CSS property to change the border of an element to YUV 165.8830, -46.7773, -70.0574 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(86, 225, 71) }
```


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

```
.border{ border-color:rgb(86, 225, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 225, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 225, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 225, 71);  
box-shadow:4px 4px 4px 4px rgb(86, 225,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 165.8830, -46.7773, -70.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 225, 71) }
```

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

```
.background{ background-color: rgb(86, 225,  
71) }
```

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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