

Converting Colors

YUV(146.7190, -48.1755,
-88.3306)

Have a look what the booklet for
YUV(146.7190, -48.1755, -88.3306)
contains.

YUV(146.7190, -48.1755, -88.3306)	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(146.7190, -48.1755,
-88.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED931
RGB	46, 217, 49
RGB Percent	18%, 85%, 19%
CMY	0.8196, 0.1490, 0.8078
CMYK	0.79, 0.00, 0.77, 0.15
HSL	121°, 69%, 52%
HSV	121°, 79%, 85%
XYZ	26.4939, 50.4283, 11.2430
YIQ	146.7190, -47.9880, -88.5000

Conversions

Conversions Part 2

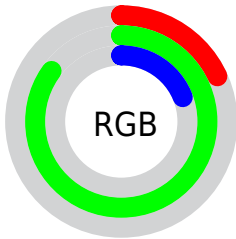
Format	Color
RYB	46, 214, 217
Decimal	3070257
CIELab	76.33, -71.36, 65.36
CIELCh	76, 96.773, 137.513
Yxy	50.4283, 0.3005, 0.5720
Android (android.graphics.Color)	4281260337 (0xFF2ED931)
YUV	146.7190, -48.1755, -88.3306
Hunter-Lab	71.0129, -57.6766, 40.3220

Details

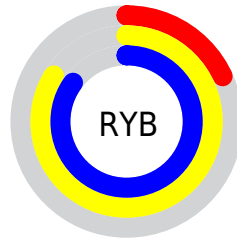
The YUV color **146.7190, -48.1755, -88.3306** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **116.2810, 48.1755, 88.3306**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3610, -45.0410, -66.9686**, and **93.9200, -46.3026, -82.3678** is the 20% darker color. If you saturate the color by 10%, you get **137.7470, -54.1053, -99.7561**, and if you desaturate by 10%, it is **155.6910, -42.2457, -76.9050**.

Distribution



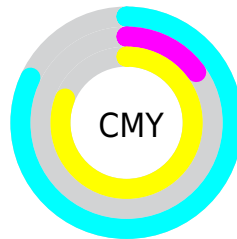
- Red (18%)
- Green (85%)
- Blue (19%)



- Red (18%)
- Yellow (84%)
- Blue (85%)



- Cyan (79%)
- Magenta (0%)
- Yellow (77%)
- Black (15%)



- Cyan (82%)
- Magenta (15%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7190, -48.1755, -88.3306 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 146.7190, -48.1755, -88.3306 by changing the saturation by 10% instead.

■ 146.7190,
-48.1755, -88.3306

■ 146.7190,
-48.1755, -88.3306

■ 255.0000, 0.0000,
0.0000

■ 110.8120,
-52.6583, -97.1821

■ 198.3610,
-45.0410, -66.9686

■ 93.9200, -46.3026,
-82.3678

■ 211.2350,
-37.0909, -50.1951

■ 78.0710, -38.4890,
-68.4683

■ 223.6960,
-29.4301, -33.9364

■ 62.2220, -30.6754,
-54.5687

■ 236.4560,
-21.9168, -17.0629

■ 46.9600, -23.1513,
-41.1839

■ 249.1450,
-13.3825, -1.0042

■ 33.4590, -16.4953,
-29.3435

■ 254.5440, -1.7472,

■ 17.6100, -8.6817,

0.3999

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 146.7190,
-48.1755, -88.3306

■ 146.7190,
-48.1755, -88.3306

■ 137.7470,
-54.1053, -99.7561

■ 155.6910,
-42.2457, -76.9050

■ 128.9600,
-60.6193, -110.4669


■ 164.4780,
-35.7317, -66.1942


■ 127.8350,
-61.0507, -112.1113

■ 173.4500,
-29.8018, -54.7686


■ 182.4220,
-23.8720, -43.3431

■ 191.5080,
-17.5054, -32.0175

 200.1810,
-11.4282, -21.2067

 209.1530, -5.4984,
-9.7812

 218.2390, 0.8682,
1.5444

 226.9120, 6.9454,
12.3552

Harmonies

Analogous

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



170.3230, -83.9692, 5.8557



146.7190, -48.1755, -88.3306



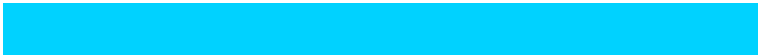
148.7190, -1.3405, -130.4266

Triad

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



146.7190, -48.1755, -88.3306



152.3400, 50.6114, -133.6022



142.1000, -1.0353, 99.0133

Complementary

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



146.7190, -48.1755, -88.3306



116.2810, 48.1755, 88.3306

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.



154.7080, 37.1190, 87.9561



146.7190, -48.1755, -88.3306



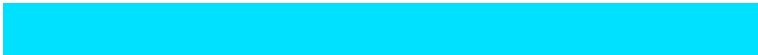
156.8450, 48.3904, -74.4091

Square

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



146.7190, -48.1755, -88.3306



160.5580, 46.5599, -140.8094



185.7340, 34.1481, 60.7463



157.5370, -51.0437, 85.4751

Rectangle

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



146.7190, -48.1755, -88.3306



157.0750, 25.5990, -137.7548



185.7340, 34.1481, 60.7463



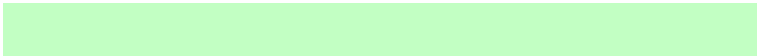
141.4110, 14.0944, 99.6176

Sweetspot

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



146.7190, -48.1755, -88.3306



229.9210, -17.2161, -31.5027



196.6090, -74.2502, 15.2519



112.7190, -10.7075, -19.0476



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.



146.7190, -48.1755, -88.3306



155.5100, -68.2854, -124.9813



156.4090, -11.0476, -96.8287



105.4570, -3.1833, -5.6628



101.8930, -48.7542, -89.3602



27.1160, -12.8752, -23.7807

Inverse Universe

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



116.2810, 48.1755, 88.3306



112.4900, 68.2854, 124.9813



106.5910, 11.0476, 96.8287



103.4290, 2.7465, 5.7628



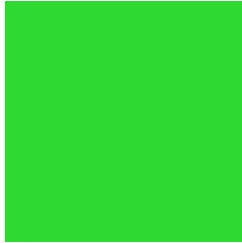
71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 146.7190, -48.1755, -88.3306 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 146.7190, -48.1755, -88.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

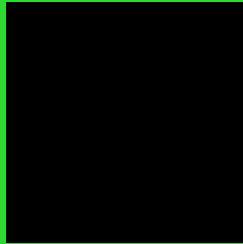
Any Text WCAG AA ✓ Pass

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 146.7190, -48.1755, -88.3306 Background



This preview shows how black text looks on a background with the YUV color 146.7190, -48.1755, -88.3306.



This preview shows how white text looks on a background with the YUV color 146.7190, -48.1755, -88.3306.

-88.3306.

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

146.7190, -48.1755, -88.3306

Protanopia

177.2330, -67.1629, 28.7367

Deuteranopia

181.0900, -56.7394, 45.5251



Tritanopia

173.1410, 22.6085, -65.0217

Trichromacy



Original Color

146.7190, -48.1755, -88.3306



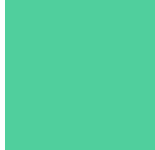
Protanomaly

166.0920, -60.1914, -14.1127



Deuteranomaly

168.8790, -53.6773, -3.4019



Tritanomaly

163.3270, -3.1192, -73.0778

Monochromacy



Original Color

146.7190, -48.1755, -88.3306



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.5080, -17.5054, -32.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7190, -48.1755, -88.3306 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(46, 217, 49)` looks like.

```
.text, #text, p{  
    color:rgb(46, 217, 49)  
}
```

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(46, 217, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 217, 49) }
```

Border

The CSS property to change the border of an element to YUV 146.7190, -48.1755, -88.3306 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(46, 217, 49) }
```


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

```
.border{ border-color:rgb(46, 217, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 217, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 217, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 217, 49);  
box-shadow:4px 4px 4px 4px rgb(46, 217,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 146.7190, -48.1755, -88.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 217, 49) }
```

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

```
.background{ background-color: rgb(46, 217,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor