

Converting Colors

YUV(148.8530, -28.0285,
-110.3731)

Have a look what the booklet for
YUV(148.8530, -28.0285, -110.3731)
contains.

YUV(148.8530, -28.0285, -110.3731)	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(148.8530, -28.0285,
-110.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	17E05C
RGB	23, 224, 92
RGB Percent	9%, 88%, 36%
CMY	0.9098, 0.1216, 0.6392
CMYK	0.90, 0.00, 0.59, 0.12
HSL	141°, 81%, 48%
HSV	141°, 90%, 88%
XYZ	28.9408, 54.2662, 19.0743
YIQ	148.8530, -77.4240, -83.6640

Conversions

Conversions Part 2

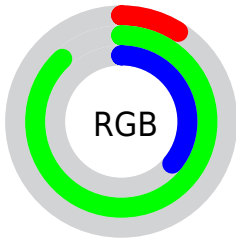
Format	Color
RYB	23, 173, 224
Decimal	1564764
CIELab	78.62, -71.45, 51.22
CIELCh	79, 87.917, 144.363
Yxy	54.2662, 0.2830, 0.5306
Android (android.graphics.Color)	4279754844 (0xFF17E05C)
YUV	148.8530, -28.0285, -110.3731
Hunter-Lab	73.6656, -58.7880, 36.2139

Details

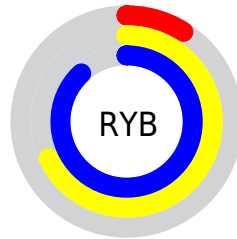
The YUV color **148.8530, -28.0285, -110.3731** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **98.1470, 28.0285, 110.3731**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1160, -26.6792, -76.4007**, and **102.3610, -31.7300, -89.7706** is the 20% darker color. If you saturate the color by 10%, you get **140.5650, -31.3375, -122.3985**, and if you desaturate by 10%, it is **157.1410, -24.7195, -98.3477**.

Distribution



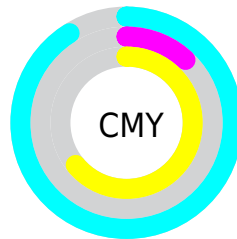
- Red (9%)
- Green (88%)
- Blue (36%)



- Red (9%)
- Yellow (68%)
- Blue (88%)



- Cyan (90%)
- Magenta (0%)
- Yellow (59%)
- Black (12%)



- Cyan (91%)
- Magenta (12%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8530, -28.0285, -110.3731 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 148.8530, -28.0285, -110.3731 by changing the saturation by 10% instead.

■ 148.8530,
-28.0285, -110.3731

■ 148.8530,
-28.0285, -110.3731

■ 255.0000, 0.0000,
0.0000

■ 121.8750,
-28.0394, -106.8844

■ 200.1160,
-26.6792, -76.4007

■ 102.3610,
-31.7300, -89.7706

■ 213.0610,
-19.7501, -58.8125

■ 81.5930, -40.2253,
-71.5571

■ 225.6360,
-11.6525, -42.6538

■ 66.3310, -32.7012,
-58.1723

■ 238.3960, -4.1392,
-25.7803

■ 50.4820, -24.8876,
-44.2727

■ 250.5150, 2.2111,
-9.2217

■ 36.3940, -17.9422,
-31.9175

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 148.8530,
-28.0285, -110.3731

■ 148.8530,
-28.0285, -110.3731

■ 140.5650,
-31.3375, -122.3985

■ 157.1410,
-24.7195, -98.3477

■ 140.2660,
-31.1901, -123.0133

■ 165.6140,
-21.9947, -85.6075

■ 173.9020,
-18.6857, -73.5821

■ 182.4890,
-15.5241, -60.9419

■ 190.7770,
-12.2151, -48.9164

■ 198.9510, -9.3428,
-36.7910

■ 207.5380, -6.1812,
-24.1508

■ 215.8260, -2.8722,
-12.1254

■ 224.2990, -0.1474,
0.6148

Harmonies

Analogous

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



173.5020, -85.5365, -4.8253



148.8530, -28.0285, -110.3731



155.6610, 10.0271, -136.5147

Triad

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



148.8530, -28.0285, -110.3731



151.7530, 50.9008, -133.0874



159.3850, -13.5008, 83.8544

Complementary

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



148.8530, -28.0285, -110.3731



98.1470, 28.0285, 110.3731

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.



164.0370, 24.6318, 79.7746



148.8530, -28.0285, -110.3731



182.2710, 35.8554, -20.4087

Square

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



148.8530, -28.0285, -110.3731



161.7320, 45.9811, -141.8390



187.4950, 33.2800, 59.2019



171.3800, -56.3893, 73.3347

Rectangle

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



148.8530, -28.0285, -110.3731



162.7460, 34.6352, -142.7282



187.4950, 33.2800, 59.2019



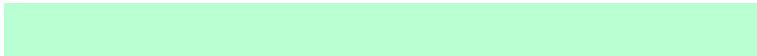
157.7670, 0.6079, 85.2733

Sweetspot

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



148.8530, -28.0285, -110.3731



229.2390, -9.4848, -37.9206



181.0530, -77.9201, -21.0945



112.6630, -5.7499, -22.5065



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.



148.8530, -28.0285, -110.3731



159.7170, -35.3565, -140.0718



160.0250, 14.7777, -120.1709



107.9130, -1.4361, -6.0627



110.1520, -24.7249, -96.6033



30.1140, -6.4652, -26.4100

Inverse Universe

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



98.1470, 28.0285, 110.3731



95.2830, 35.3565, 140.0718



86.9750, -14.7777, 120.1709



105.0870, 1.4361, 6.0627



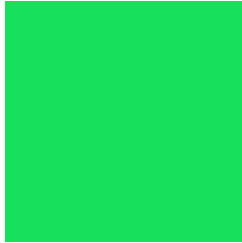
65.8480, 24.7249, 96.6033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 148.8530, -28.0285, -110.3731 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 148.8530, -28.0285, -110.3731 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

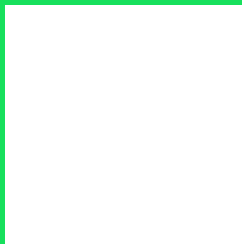
Any Text WCAG AAA ✓ Pass

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

YUV 148.8530, -28.0285, -110.3731 Background



This preview shows how black text looks on a background with the YUV color 148.8530, -28.0285, -110.3731.

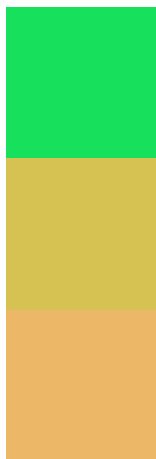


This preview shows how white text looks on a background with the YUV color 148.8530, -28.0285, -110.3731.

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

148.8530, -28.0285, -110.3731

Protanopia

186.7390, -51.1433, 23.9079

Deuteranopia

190.3140, -43.0458, 40.0666



Tritanopia

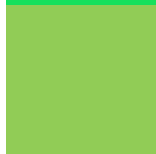
176.3570, 24.9670, -74.8581

Trichromacy



Original Color

148.8530, -28.0285, -110.3731



Protanomaly

172.9070, -42.8452, -24.4744



Deuteranomaly

175.6400, -37.7835, -14.5933



Tritanomaly

166.2310, 5.8021, -87.9026

Monochromacy



Original Color

148.8530, -28.0285, -110.3731



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.7010, -10.2056, -40.0798

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8530, -28.0285, -110.3731 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(23, 224, 92)` looks like.

```
.text, #text, p{  
    color:rgb(23, 224, 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(23, 224, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 224, 92) }
```

Border

The CSS property to change the border of an element to YUV 148.8530, -28.0285, -110.3731 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(23, 224, 92) }
```


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

```
.border{ border-color:rgb(23, 224, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 224, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 224, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 224, 92);  
box-shadow:4px 4px 4px 4px rgb(23, 224,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 148.8530, -28.0285, -110.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 224, 92) }
```

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

```
.background{ background-color: rgb(23, 224,  
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](#).

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