

Converting Colors

YUV(148.3500, -31.2315,
-16.0929)

Have a look what the booklet for
YUV(148.3500, -31.2315, -16.0929)
contains.

YUV(148.3500, -31.2315, -16.0929)	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(148.3500, -31.2315,
-16.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	82AA55
RGB	130, 170, 85
RGB Percent	51%, 67%, 33%
CMY	0.4902, 0.3333, 0.6667
CMYK	0.24, 0.00, 0.50, 0.33
HSL	88°, 33%, 50%
HSV	88°, 50%, 67%
XYZ	25.2203, 34.1512, 13.8569
YIQ	148.3500, 3.4450, -34.9150

Conversions

Conversions Part 2

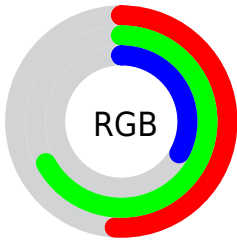
Format	Color
RYB	85, 170, 125
Decimal	8563285
CIELab	65.08, -28.20, 39.20
CIELCh	65, 48.284, 125.728
Yxy	34.1512, 0.3444, 0.4664
Android (android.graphics.Color)	4286753365 (0xFF82AA55)
YUV	148.3500, -31.2315, -16.0929
Hunter-Lab	58.4390, -25.2335, 26.8486

Details

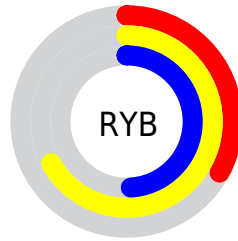
The YUV color **148.3500, -31.2315, -16.0929** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **106.6500, 31.2316, 16.0930**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0080, -32.5419, -15.7930**, and **96.6920, -29.9212, -16.3929** is the 20% darker color. If you saturate the color by 10%, you get **144.0200, -37.4779, -19.3115**, and if you desaturate by 10%, it is **152.6800, -24.9852, -12.8744**.

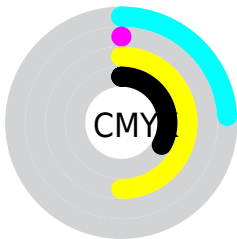
Distribution



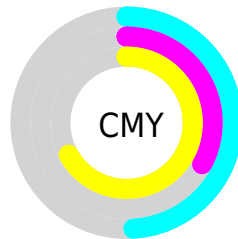
- Red (51%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (49%)



- Cyan (24%)
- Magenta (0%)
- Yellow (50%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3500, -31.2315, -16.0929 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 148.3500, -31.2315, -16.0929 by changing the saturation by 10% instead.

■ 148.3500,
-31.2315, -16.0929

■ 148.3500,
-31.2315, -16.0929

■ 255.0000, 0.0000,
0.0000

■ 121.8770,
-30.5054, -15.6781

■ 203.0080,
-32.5419, -15.7930

■ 96.6920, -29.9212,
-16.3929

■ 231.3670,
-33.7049, -16.1079

■ 71.3500, -31.2315,
-16.0929

■ 243.8170,
-26.0388, -1.5935

■ 48.8750, -24.0954,
-18.3074

■ 250.8960,
-15.7247, 3.5992

■ 27.0020, -13.3120,
-23.6808

■ 254.2020, -3.0576,
0.6998

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,

0.0000

■ 148.3500,
-31.2315, -16.0929

■ 148.3500,
-31.2315, -16.0929

■ 144.0200,
-37.4779, -19.3115

■ 152.6800,
-24.9852, -12.8744

■ 139.6900,
-43.7242, -22.5301

■ 157.0100,
-18.7389, -9.6558

■ 135.3600,
-49.9705, -25.7487

■ 161.3400,
-12.4926, -6.4372

■ 131.0300,
-56.2168, -28.9673

■ 165.6700, -6.2463,
-3.2186

■ 126.7000,
-62.4631, -32.1859

■ 170.0000, 0.0000,
0.0000

■ 174.3300, 6.2463,
3.2186

■ 178.6600, 12.4926,
6.4372

■ 182.9900, 18.7389,
9.6558

■ 187.3200, 24.9852,
12.8744

Harmonies

Analogous

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



153.2360, -41.5283, 19.9640



148.3500, -31.2315, -16.0929



138.3240, -8.5407, -60.7971

Triad

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



148.3500, -31.2315, -16.0929



127.8680, 53.3091, -112.1402



159.4030, -4.1427, 68.9296

Complementary

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



148.3500, -31.2315, -16.0929



106.6500, 31.2316, 16.0930

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.



162.4340, 15.5620, 48.7314



148.3500, -31.2315, -16.0929



151.0380, 45.8303, -46.5143

Square

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



148.3500, -31.2315, -16.0929



128.0840, 38.9056, -112.3297



161.3610, 32.8530, 9.3304



157.9410, -23.6349, 67.5807

Rectangle

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



148.3500, -31.2315, -16.0929



122.1730, 13.7187, -107.1457



161.3610, 32.8530, 9.3304



160.5040, 2.7095, 64.4560

Sweetspot

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



148.3500, -31.2315, -16.0929



213.4540, -12.0558, -6.5372



133.8950, -24.1052, 31.6641



107.0290, -7.4093, -3.5334



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.3500, -31.2315, -16.0929



188.0010, -48.8075, -25.4339



135.7920, -25.0405, -41.9136



81.8920, -2.9048, -1.6593



110.1980, -54.3276, -28.2376



15.0290, -7.4093, -3.5334

Inverse Universe

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



106.6500, 31.2316, 16.0930



122.7000, 48.9549, 24.8191



119.2080, 25.0405, 41.9136



78.1080, 2.9048, 1.6593



37.8020, 54.3276, 28.2376



5.2700, 7.2619, 4.1482

Previews

White Background



This preview shows how the YUV color 148.3500, -31.2315, -16.0929 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 148.3500, -31.2315, -16.0929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

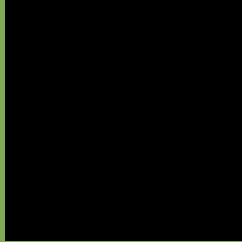
Any Text WCAG AA ✓ Pass

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 148.3500, -31.2315, -16.0929 Background



This preview shows how black text looks on a background with the YUV color 148.3500, -31.2315, -16.0929.



This preview shows how white text looks on a background with the YUV color 148.3500, -31.2315, -16.0929.

-16.0929.

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

148.3500, -31.2315, -16.0929

Protanopia

154.0060, -35.9920, 17.5347

Deuteranopia

155.7180, -32.3990, 31.8193



Tritanopia

156.1000, 8.3317, -12.3657

Trichromacy



Original Color

148.3500, -31.2315, -16.0929

Protanomaly

151.6840, -34.3542, 5.5391

Deuteranomaly

152.7220, -31.9079, 14.2758

Tritanomaly

153.6040, -6.2138, -13.6847

Monochromacy



Original Color

148.3500, -31.2315, -16.0929

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9810, -11.3296, -6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3500, -31.2315, -16.0929 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(130, 170, 85)` looks like.

```
.text, #text, p{  
    color:rgb(130, 170, 85)  
}
```

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(130, 170, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 170, 85) }
```

Border

The CSS property to change the border of an element to YUV 148.3500, -31.2315, -16.0929 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(130, 170, 85) }
```


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

```
.border{ border-color:rgb(130, 170, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 170, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 170, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 170, 85);  
box-shadow:4px 4px 4px 4px rgb(130, 170,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 148.3500, -31.2315, -16.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 170, 85) }
```

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

```
.background{ background-color: rgb(130,  
170, 85) }
```

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