

Converting Colors

YUV(148.1500, -34.5839,
-14.1635)

Have a look what the booklet for
YUV(148.1500, -34.5839, -14.1635)
contains.

YUV(148.1500, -34.5839, -14.1635)	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(148.1500, -34.5839,
-14.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	84AA4E
RGB	132, 170, 78
RGB Percent	52%, 67%, 31%
CMY	0.4824, 0.3333, 0.6941
CMYK	0.22, 0.00, 0.54, 0.33
HSL	85°, 37%, 49%
HSV	85°, 54%, 67%
XYZ	25.2656, 34.2050, 12.4783
YIQ	148.1500, 6.8840, -36.6680

Conversions

Conversions Part 2

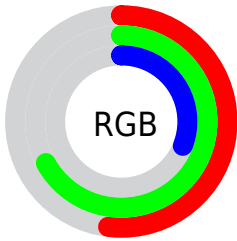
Format	Color
RYB	78, 170, 116
Decimal	8694350
CIELab	65.12, -28.19, 42.72
CIElCh	65, 51.184, 123.415
Yxy	34.2050, 0.3512, 0.4754
Android (android.graphics.Color)	4286884430 (0xFF84AA4E)
YUV	148.1500, -34.5839, -14.1635
Hunter-Lab	58.4851, -25.2368, 28.2895

Details

The YUV color **148.1500, -34.5839, -14.1635** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **99.8500, 34.5840, 14.1636**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8080, -35.8943, -13.8636**, and **96.2640, -34.1472, -14.2635** is the 20% darker color. If you saturate the color by 10%, you get **144.1190, -40.9777, -16.7674**, and if you desaturate by 10%, it is **152.1810, -28.1902, -11.5597**.

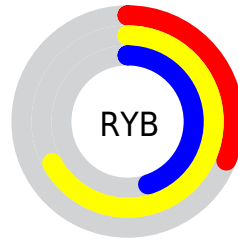
Distribution



Red (52%)

Green (67%)

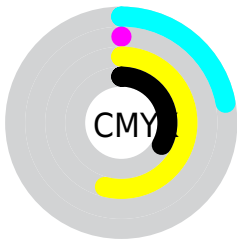
Blue (31%)



Red (31%)

Yellow (67%)

Blue (45%)

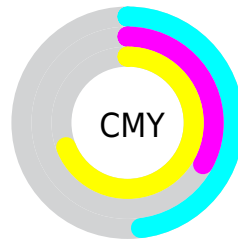


Cyan (22%)

Magenta (0%)

Yellow (54%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1500, -34.5839, -14.1635 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 148.1500, -34.5839, -14.1635 by changing the saturation by 10% instead.

■ 148.1500,
-34.5839, -14.1635

■ 148.1500,
-34.5839, -14.1635

■ 255.0000, 0.0000,
0.0000

■ 121.3780,
-33.7104, -14.3635

■ 202.8080,
-35.8943, -13.8636

■ 96.2640, -34.1472,
-14.2635

■ 231.1670,
-37.0573, -14.1785

■ 70.7370, -34.8733,
-14.6783

■ 243.6170,
-29.3912, 0.3359

■ 49.4730, -24.3902,
-17.0778

■ 250.0980,
-18.7823, 4.2991

■ 27.0020, -13.3120,
-23.6808

■ 253.4040, -6.1152,
1.3997

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 148.1500,
-34.5839, -14.1635

■ 148.1500,
-34.5839, -14.1635

■ 144.1190,
-40.9777, -16.7674

■ 152.1810,
-28.1902, -11.5597

■ 140.0880,
-47.3714, -19.3712

■ 156.2120,
-21.7965, -8.9559

■ 136.0570,
-53.7651, -21.9750

■ 160.2430,
-15.4028, -6.3521

■ 132.0260,
-60.1588, -24.5788

■ 164.2740, -9.0091,
-3.7483

■ 129.6900,
-63.9372, -26.0381

■ 168.3050, -2.6154,
-1.1445

■ 172.3360, 3.7784,
1.4593

■ 176.3670, 10.1721,
4.0631

■ 180.3980, 16.5658,
6.6670

■ 184.4290, 22.9595,
9.2708

Harmonies

Analogous

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



152.7480, -44.7388, 23.0230



148.1500, -34.5839, -14.1635



137.9280, -11.3035, -61.3269

Triad

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



148.1500, -34.5839, -14.1635



129.3840, 54.0407, -113.4698



159.2940, -2.1169, 72.5332

Complementary

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



148.1500, -34.5839, -14.1635



99.8500, 34.5840, 14.1636

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.



162.2430, 18.6142, 49.7759



148.1500, -34.5839, -14.1635



147.1120, 50.2308, -57.9802

Square

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



148.1500, -34.5839, -14.1635



129.2580, 38.3268, -113.3593



161.5500, 36.2109, 5.6567



157.6750, -23.5038, 72.1990

Rectangle

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



148.1500, -34.5839, -14.1635



122.3040, 11.6821, -107.2606



161.5500, 36.2109, 5.6567



160.0960, 4.8827, 67.4448

Sweetspot

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



148.1500, -34.5839, -14.1635



213.4110, -13.5136, -5.6224



127.2270, -24.2689, 37.5119



106.9150, -7.8461, -3.4335



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.



148.1500, -34.5839, -14.1635



187.6440, -54.0545, -22.4898



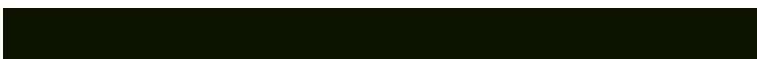
134.6950, -27.9506, -41.8285



82.1910, -3.0522, -1.0445



112.8890, -55.6543, -22.7047



15.3280, -7.5567, -2.9187

Inverse Universe

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



99.8500, 34.5840, 14.1636



112.0570, 54.2019, 21.8750



113.3050, 27.9506, 41.8285



77.8090, 3.0522, 1.0445



35.1110, 55.6543, 22.7047



4.6720, 7.5567, 2.9187

Previews

White Background



This preview shows how the YUV color 148.1500, -34.5839, -14.1635 looks on a white background.

Color Contrast Check

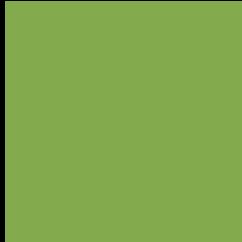
Large Text (above 18pt) WCAG AA × Fail

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 148.1500, -34.5839, -14.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

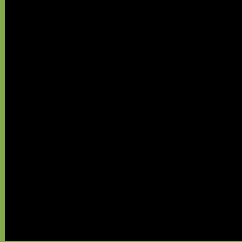
Any Text WCAG AA ✓ Pass

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 148.1500, -34.5839, -14.1635 Background



This preview shows how black text looks on a background with the YUV color 148.1500, -34.5839, -14.1635.



This preview shows how white text looks on a background with the YUV color 148.1500, -34.5839, -14.1635.

-14.1635.

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

148.1500, -34.5839, -14.1635

Protanopia

153.5070, -39.1970, 18.8494

Deuteranopia

155.2190, -35.6040, 33.1339



Tritanopia

156.9970, 7.8895, -10.5214

Trichromacy



Original Color

148.1500, -34.5839, -14.1635

Protanomaly

151.1850, -37.5592, 6.8538

Deuteranomaly

152.5220, -35.2603, 16.2052

Tritanomaly

153.8600, -7.8190, -12.1552

Monochromacy



Original Color

148.1500, -34.5839, -14.1635

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0520, -12.3506, -5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1500, -34.5839, -14.1635 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(132, 170, 78)` looks like.

```
.text, #text, p{  
    color:rgb(132, 170, 78)  
}
```

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(132, 170, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 170, 78) }
```

Border

The CSS property to change the border of an element to YUV 148.1500, -34.5839, -14.1635 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(132, 170, 78) }
```


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

```
.border{ border-color:rgb(132, 170, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 170, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 170, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 170, 78);  
box-shadow:4px 4px 4px 4px rgb(132, 170,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 148.1500, -34.5839, -14.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 170, 78) }
```

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

```
.background{ background-color: rgb(132,  
170, 78) }
```

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