

Converting Colors

YUV(148.7340, -57.5499,
-68.1727)

Have a look what the booklet for
YUV(148.7340, -57.5499, -68.1727)
contains.

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Color

**YUV(148.7340, -57.5499,
-68.1727)**

Conversions

Conversions Part 1

Format	Color
Hex	47D320
RGB	71, 211, 32
RGB Percent	28%, 83%, 13%
CMY	0.7216, 0.1725, 0.8745
CMYK	0.66, 0.00, 0.85, 0.17
HSL	107°, 74%, 48%
HSV	107°, 85%, 83%
XYZ	26.1535, 48.0324, 9.2593
YIQ	148.7340, -25.9810, -85.3490

Conversions

Conversions Part 2

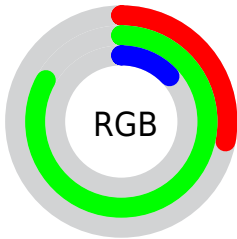
Format	Color
RYB	32, 211, 172
Decimal	4707104
CIELab	74.85, -66.36, 68.68
CIELCh	75, 95.503, 134.017
Yxy	48.0324, 0.3134, 0.5756
Android (android.graphics.Color)	4282897184 (0xFF47D320)
YUV	148.7340, -57.5499, -68.1727
Hunter-Lab	69.3054, -53.9246, 40.5926

Details

The YUV color **148.7340, -57.5499, -68.1727** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **94.2660, 57.5499, 68.1727**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4780, -52.4937, -56.5472**, and **90.9850, -44.8556, -79.7938** is the 20% darker color. If you saturate the color by 10%, you get **141.2570, -64.2167, -76.5244**, and if you desaturate by 10%, it is **156.2110, -50.8830, -59.8210**.

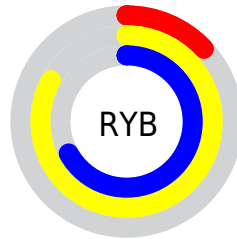
Distribution



Red (28%)

Green (83%)

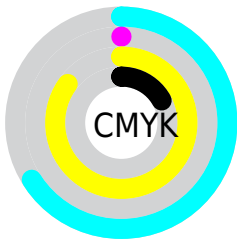
Blue (13%)



Red (13%)

Yellow (83%)

Blue (67%)

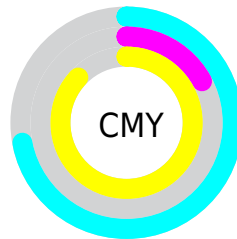


Cyan (66%)

Magenta (0%)

Yellow (85%)

Black (17%)



Cyan (72%)

Magenta (17%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7340, -57.5499, -68.1727 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 148.7340, -57.5499, -68.1727 by changing the saturation by 10% instead.

■ 148.7340,
-57.5499, -68.1727

■ 148.7340,
-57.5499, -68.1727

■ 255.0000, 0.0000,
0.0000

■ 114.5970,
-56.4963, -79.4536

■ 201.4780,
-52.4937, -56.5472

■ 90.9850, -44.8556,
-79.7938

■ 214.0530,
-44.3961, -40.3885

■ 75.1360, -37.0420,
-65.8943

■ 226.5140,
-36.7354, -24.1298

■ 59.8740, -29.5179,
-52.5095

■ 238.7900,
-28.4905, -8.5858

■ 44.6120, -21.9937,
-39.1247

■ 249.8700,
-19.6559, 4.4990

■ 31.1110, -15.3377,
-27.2843

■ 253.1760, -6.9888,

■ 15.2620, -7.5242,

1.5996

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 148.7340,
-57.5499, -68.1727

■ 148.7340,
-57.5499, -68.1727

■ 141.2570,
-64.2167, -76.5244

■ 156.2110,
-50.8830, -59.8210

■ 137.6110,
-67.8422, -80.3428

■ 163.3890,
-44.0688, -52.0842

■ 170.8660,
-37.4019, -43.7325

■ 178.0440,
-30.5877, -35.9956

■ 185.6350,
-23.4841, -27.7439

■ 192.8130,
-16.6698, -20.0070

■ 200.2900,
-10.0030, -11.6553

■ 207.4680, -3.1887,
-3.9184

■ 214.9450, 3.4781,
4.4332

Harmonies

Analogous

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



168.0080, -82.8279, 13.1480



148.7340, -57.5499, -68.1727



144.1880, -6.0087, -126.4529

Triad

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



148.7340, -57.5499, -68.1727



151.1660, 51.1902, -132.5726



139.3760, 3.7586, 101.4022

Complementary

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



148.7340, -57.5499, -68.1727



94.2660, 57.5499, 68.1727

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.



156.4520, 38.7242, 86.4266



148.7340, -57.5499, -68.1727



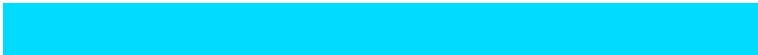
135.3170, 59.0037, -118.6730

Square

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



148.7340, -57.5499, -68.1727



158.2100, 47.7175, -138.7502



181.8250, 36.0753, 49.2655



153.8670, -44.7974, 88.6936

Rectangle

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



148.7340, -57.5499, -68.1727



152.4300, 20.4940, -133.6811



181.8250, 36.0753, 49.2655



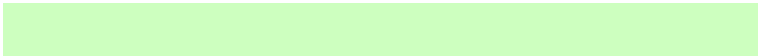
140.3340, 17.5833, 100.5621

Sweetspot

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



148.7340, -57.5499, -68.1727



232.7540, -20.5847, -24.3403



165.9400, -66.0324, 39.5176



114.5840, -12.6129, -14.5442



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.



148.7340, -57.5499, -68.1727



166.4290, -82.0495, -96.8462



142.5450, -30.8347, -96.9480



101.0550, -3.4781, -4.4332



109.6790, -54.0717, -63.7395



26.7580, -13.1917, -15.5738

Inverse Universe

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



94.2660, 57.5499, 68.1727



88.5710, 82.0495, 96.8462



100.4550, 30.8347, 96.9480



97.6460, 3.6255, 3.8185



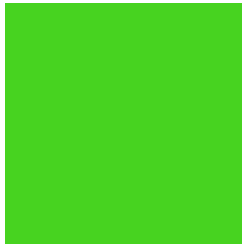
58.6200, 53.9243, 64.3543



14.2420, 13.1917, 15.5738

Previews

White Background



This preview shows how the YUV color 148.7340, -57.5499, -68.1727 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 148.7340, -57.5499, -68.1727 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 148.7340, -57.5499, -68.1727 Background



This preview shows how black text looks on a background with the YUV color 148.7340, -57.5499, -68.1727.



This preview shows how white text looks on a background with the YUV color 148.7340, -57.5499, -68.1727.

-68.1727.

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

148.7340, -57.5499, -68.1727

Protanopia

171.7510, -72.8412, 30.0364

Deuteranopia

176.1780, -60.2338, 46.3249



Tritanopia

172.1100, 19.6658, -54.4705

Trichromacy



Original Color

148.7340, -57.5499, -68.1727



Protanomaly

163.3120, -67.2018, -5.5356



Deuteranomaly

166.4410, -59.3774, 4.8752



Tritanomaly

163.4490, -8.1094, -59.1528

Monochromacy



Original Color

148.7340, -57.5499, -68.1727



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2270, -21.3109, -24.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7340, -57.5499, -68.1727 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(71, 211, 32)` looks like.

```
.text, #text, p{  
    color:rgb(71, 211, 32)  
}
```

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(71, 211, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 211, 32) }
```

Border

The CSS property to change the border of an element to YUV 148.7340, -57.5499, -68.1727 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(71, 211, 32) }
```


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

```
.border{ border-color:rgb(71, 211, 32) }
```

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

Here you see how a box with a 4 pixel rgb(71, 211, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 211, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 211, 32);  
box-shadow:4px 4px 4px 4px rgb(71, 211,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 148.7340, -57.5499, -68.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 211, 32) }
```

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

```
.background{ background-color: rgb(71, 211,  
32) }
```

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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