

Converting Colors

YUV(148.6670, -52.5868,
-73.3760)

Have a look what the booklet for
YUV(148.6670, -52.5868, -73.3760)
contains.

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Color

**YUV(148.6670, -52.5868,
-73.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	41D42A
RGB	65, 212, 42
RGB Percent	25%, 83%, 16%
CMY	0.7451, 0.1686, 0.8353
CMYK	0.69, 0.00, 0.80, 0.17
HSL	112°, 67%, 50%
HSV	112°, 80%, 83%
XYZ	26.1414, 48.3780, 10.1506
YIQ	148.6670, -33.0420, -84.0340

Conversions

Conversions Part 2

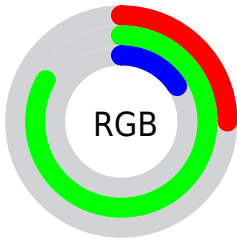
Format	Color
RYB	42, 212, 189
Decimal	4314154
CIELab	75.06, -67.35, 66.32
CIELCh	75, 94.520, 135.442
Yxy	48.3780, 0.3087, 0.5714
Android (android.graphics.Color)	4282504234 (0xFF41D42A)
YUV	148.6670, -52.5868, -73.3760
Hunter-Lab	69.5543, -54.6323, 40.0353

Details

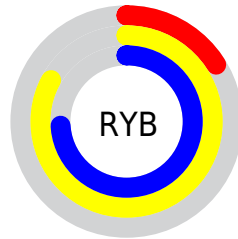
The YUV color **148.6670, -52.5868, -73.3760** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **105.3330, 52.5868, 73.3760**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0800, -48.8464, -59.7062**, and **91.5720, -45.1450, -80.3086** is the 20% darker color. If you saturate the color by 10%, you get **140.8910, -59.1063, -82.3424**, and if you desaturate by 10%, it is **156.4430, -46.0674, -64.4095**.

Distribution



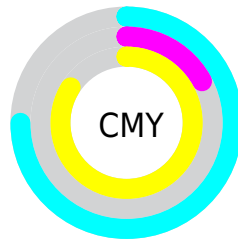
- Red (25%)
- Green (83%)
- Blue (16%)



- Red (16%)
- Yellow (83%)
- Blue (74%)



- Cyan (69%)
- Magenta (0%)
- Yellow (80%)
- Black (17%)



- Cyan (75%)
- Magenta (17%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6670, -52.5868, -73.3760 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 148.6670, -52.5868, -73.3760 by changing the saturation by 10% instead.

■ 148.6670,
-52.5868, -73.3760

■ 148.6670,
-52.5868, -73.3760

■ 255.0000, 0.0000,
0.0000

■ 109.5030,
-53.9850, -91.6491

■ 201.0800,
-48.8464, -59.7062

■ 91.5720, -45.1450,
-80.3086

■ 213.5410,
-41.1857, -43.4475

■ 75.7230, -37.3314,
-66.4091

■ 225.7030,
-33.3776, -27.8035

■ 59.8740, -29.5179,
-52.5095

■ 238.2780,
-25.2801, -11.6448

■ 45.1990, -22.2831,
-39.6395

■ 250.5540,
-17.0351, 3.8991

■ 31.1110, -15.3377,
-27.2843

■ 253.8600, -4.3680,

■ 15.2620, -7.5242,

0.9998

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 148.6670,
-52.5868, -73.3760

■ 148.6670,
-52.5868, -73.3760

■ 140.8910,
-59.1063, -82.3424

■ 156.4430,
-46.0674, -64.4095

■ 133.1150,
-65.6257, -91.3089

■ 164.5180,
-39.6954, -54.8283

■ 172.4080,
-32.7391, -45.9618

■ 180.1840,
-26.2197, -36.9954

■ 188.2590,
-19.8477, -27.4141

■ 196.0350,
-13.3283, -18.4477

■ 203.8110, -6.8088,
-9.4812

■ 212.0000, 0.0000,
0.0000

■ 219.7760, 6.5194,
8.9664

Harmonies

Analogous

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



168.2850, -82.9645, 10.2741



148.6670, -52.5868, -73.3760



145.4590, -3.6773, -127.5675

Triad

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



148.6670, -52.5868, -73.3760



150.5790, 51.4796, -132.0578



141.3820, 1.2907, 99.6430

Complementary

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



148.6670, -52.5868, -73.3760



105.3330, 52.5868, 73.3760

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.



155.9960, 36.9770, 86.8265



148.6670, -52.5868, -73.3760



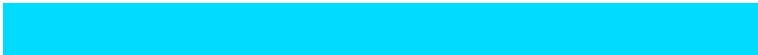
144.5970, 54.4287, -97.8706

Square

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



148.6670, -52.5868, -73.3760



158.2100, 47.7175, -138.7502



182.7330, 35.6276, 52.8542



155.8730, -47.2654, 86.9344

Rectangle

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



148.6670, -52.5868, -73.3760



153.5870, 22.3886, -134.6958



182.7330, 35.6276, 52.8542



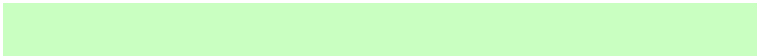
141.7530, 15.4048, 99.3176

Sweetspot

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



148.6670, -52.5868, -73.3760



232.1990, -18.8321, -26.4845



177.9450, -67.0209, 29.8662



114.2140, -11.4445, -15.9737



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.



148.6670, -52.5868, -73.3760



163.6820, -75.7652, -105.8381



148.6300, -22.9886, -93.5145



103.0550, -3.4781, -4.4332



107.2540, -52.8762, -73.8908



27.0350, -13.3283, -18.4477

Inverse Universe

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



105.3330, 52.5868, 73.3760



101.3180, 75.7652, 105.8381



105.3700, 22.9886, 93.5145



100.2440, 3.3307, 5.0480



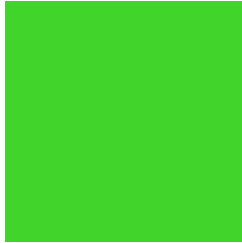
63.7460, 52.8762, 73.8908



15.9650, 13.3283, 18.4477

Previews

White Background



This preview shows how the YUV color 148.6670, -52.5868, -73.3760 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 148.6670, -52.5868, -73.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

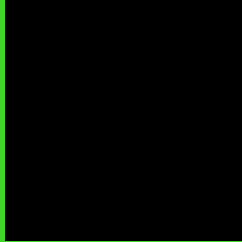
Any Text WCAG AA ✓ Pass

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 148.6670, -52.5868, -73.3760 Background



This preview shows how black text looks on a background with the YUV color 148.6670, -52.5868, -73.3760.



This preview shows how white text looks on a background with the YUV color 148.6670, -52.5868, -73.3760.

-73.3760.

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

148.6670, -52.5868, -73.3760

Protanopia

173.5920, -68.3259, 28.4218

Deuteranopia

177.4490, -57.9024, 45.2102



Tritanopia

171.6150, 20.4028, -57.5444

Trichromacy



Original Color

148.6670, -52.5868, -73.3760



Protanomaly

164.5550, -62.3916, -8.3797



Deuteranomaly

166.9290, -56.1670, 1.8163



Tritanomaly

162.9970, -5.9145, -63.1414

Monochromacy



Original Color

148.6670, -52.5868, -73.3760



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.7860, -19.1215, -26.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6670, -52.5868, -73.3760 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(65, 212, 42)` looks like.

```
.text, #text, p{  
    color:rgb(65, 212, 42)  
}
```

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(65, 212, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 212, 42) }
```

Border

The CSS property to change the border of an element to YUV 148.6670, -52.5868, -73.3760 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(65, 212, 42) }
```


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

```
.border{ border-color:rgb(65, 212, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 212, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 212, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 212, 42);  
box-shadow:4px 4px 4px 4px rgb(65, 212,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 148.6670, -52.5868, -73.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 212, 42) }
```

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

```
.background{ background-color: rgb(65, 212,  
42) }
```

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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