

Converting Colors

YUV(148.4470, -42.1254,
-68.7980)

Have a look what the booklet for
YUV(148.4470, -42.1254, -68.7980)
contains.

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Color

**YUV(148.4470, -42.1254,
-68.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	46CD3F
RGB	70, 205, 63
RGB Percent	27%, 80%, 25%
CMY	0.7255, 0.1961, 0.7529
CMYK	0.66, 0.00, 0.69, 0.20
HSL	117°, 59%, 53%
HSV	117°, 69%, 80%
XYZ	25.2543, 45.3236, 12.1199
YIQ	148.4470, -34.8780, -72.7820

Conversions

Conversions Part 2

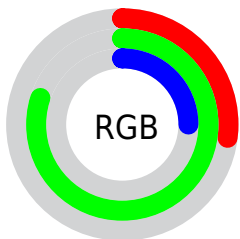
Format	Color
RYB	63, 205, 198
Decimal	4640063
CIELab	73.10, -62.63, 57.42
CIELCh	73, 84.968, 137.484
Yxy	45.3236, 0.3054, 0.5481
Android (android.graphics.Color)	4282830143 (0xFF46CD3F)
YUV	148.4470, -42.1254, -68.7980
Hunter-Lab	67.3228, -50.8555, 36.4522

Details

The YUV color **148.4470, -42.1254, -68.7980** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **119.5530, 42.1254, 68.7980**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2030, -42.0051, -60.6910**, and **87.4630, -43.1193, -76.7051** is the 20% darker color. If you saturate the color by 10%, you get **140.4860, -48.0606, -78.4792**, and if you desaturate by 10%, it is **156.5220, -35.7533, -59.2168**.

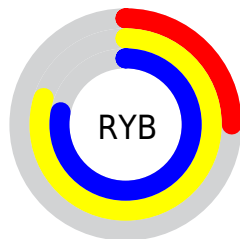
Distribution



Red (27%)

Green (80%)

Blue (25%)



Red (25%)

Yellow (80%)

Blue (78%)

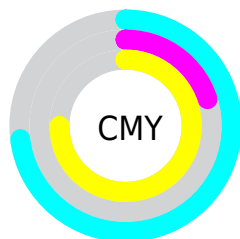


Cyan (66%)

Magenta (0%)

Yellow (69%)

Black (20%)



Cyan (73%)

Magenta (20%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4470, -42.1254, -68.7980 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 148.4470, -42.1254, -68.7980 by changing the saturation by 10% instead.

■ 148.4470,
-42.1254, -68.7980

■ 148.4470,
-42.1254, -68.7980

■ 255.0000, 0.0000,
0.0000

■ 115.4350,
-40.6405, -78.4345

■ 203.2030,
-42.0051, -60.6910

■ 87.4630, -43.1193,
-76.7051

■ 215.2510,
-34.6337, -44.9471

■ 72.2010, -35.5951,
-63.3203

■ 227.7120,
-26.9730, -28.6884

■ 56.3520, -27.7815,
-49.4207

■ 239.8740,
-19.1649, -13.0445

■ 41.6770, -20.5468,
-36.5507

■ 252.1500,
-10.9200, 2.4994

■ 28.1760, -13.8908,
-24.7104

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 148.4470,
-42.1254, -68.7980

■ 148.4470,
-42.1254, -68.7980

■ 140.4860,
-48.0606, -78.4792

■ 156.5220,
-35.7533, -59.2168

■ 132.1120,
-54.2852, -88.6752

■ 164.7820,
-29.9655, -48.9208

■ 124.1510,
-60.2204, -98.3564

■ 172.8570,
-23.5935, -39.3396

■ 123.3250,
-60.7992, -99.3860

■ 181.1170,
-17.8057, -29.0436

■ 189.1920,
-11.4337, -19.4624

■ 197.4520, -5.6458,
-9.1664

■ 205.5270, 0.7262,
0.4148

■ 213.7870, 6.5140,
10.7108

■ 221.8620, 12.8860,
20.2920

Harmonies

Analogous

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



162.9580, -80.3383, 7.9298



148.4470, -42.1254, -68.7980



141.3330, 0.8218, -123.9490

Triad

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



148.4470, -42.1254, -68.7980



145.2960, 54.0841, -127.4246



148.9160, -5.3816, 93.0357

Complementary

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



148.4470, -42.1254, -68.7980



119.5530, 42.1254, 68.7980

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.



159.5690, 27.8205, 83.6930



148.4470, -42.1254, -68.7980



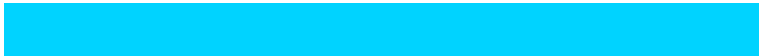
159.6240, 47.0204, -54.9212

Square

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



148.4470, -42.1254, -68.7980



152.9270, 50.3220, -134.1170



180.3630, 36.7960, 51.4246



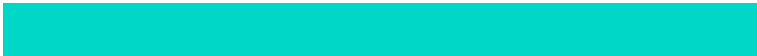
159.3780, -46.5284, 83.8605

Rectangle

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



148.4470, -42.1254, -68.7980



148.7770, 24.2669, -130.4774



180.3630, 36.7960, 51.4246



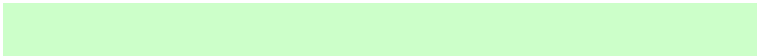
149.4180, 6.6959, 92.5954

Sweetspot

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



148.4470, -42.1254, -68.7980



233.5950, -16.0693, -25.9548



184.7030, -59.9996, 17.8005



115.0830, -9.4079, -15.8588



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.



148.4470, -42.1254, -68.7980



170.7330, -62.9724, -102.3748



153.6500, -13.1385, -79.5001



97.8700, -2.8939, -5.1480



99.8340, -49.2182, -80.5384



22.9040, -11.2917, -18.3328

Inverse Universe

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



119.5530, 42.1254, 68.7980



127.5660, 62.8250, 102.9896



114.3500, 13.1385, 79.5001



95.8310, 3.0413, 4.5332



66.1660, 49.2182, 80.5384



15.0960, 11.2917, 18.3328

Previews

White Background



This preview shows how the YUV color 148.4470, -42.1254, -68.7980 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 148.4470, -42.1254, -68.7980 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 148.4470, -42.1254, -68.7980 Background



This preview shows how black text looks on a background with the YUV color 148.4470, -42.1254, -68.7980.



This preview shows how white text looks on a background with the YUV color 148.4470, -42.1254, -68.7980.

-68.7980.

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

148.4470, -42.1254, -68.7980

Protanopia

170.3710, -56.3849, 25.1076

Deuteranopia

173.8320, -48.7242, 41.3663



Tritanopia

167.4090, 19.5184, -53.8557

Trichromacy



Original Color

148.4470, -42.1254, -68.7980



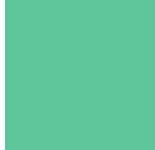
Protanomaly

162.5300, -51.0403, -9.2348



Deuteranomaly

164.5620, -46.1261, 1.2611



Tritanomaly

160.5290, -2.7258, -59.2229

Monochromacy



Original Color

148.4470, -42.1254, -68.7980



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.4210, -15.4906, -24.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4470, -42.1254, -68.7980 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(70, 205, 63)` looks like.

```
.text, #text, p{  
    color:rgb(70, 205, 63)  
}
```

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(70, 205, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 205, 63) }
```

Border

The CSS property to change the border of an element to YUV 148.4470, -42.1254, -68.7980 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(70, 205, 63) }
```


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

```
.border{ border-color:rgb(70, 205, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 205, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 205, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 205, 63);  
box-shadow:4px 4px 4px 4px rgb(70, 205,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 148.4470, -42.1254, -68.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 205, 63) }
```

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

```
.background{ background-color: rgb(70, 205,  
63) }
```

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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