

Converting Colors

YUV(176.2210, -42.5070,
-39.6588)

Have a look what the booklet for
YUV(176.2210, -42.5070, -39.6588)
contains.

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Color

**YUV(176.2210, -42.5070,
-39.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	83D85A
RGB	131, 216, 90
RGB Percent	51%, 85%, 35%
CMY	0.4863, 0.1529, 0.6471
CMYK	0.39, 0.00, 0.58, 0.15
HSL	100°, 62%, 60%
HSV	100°, 58%, 85%
XYZ	35.7614, 54.6752, 18.3414
YIQ	176.2210, -10.2140, -57.2060

Conversions

Conversions Part 2

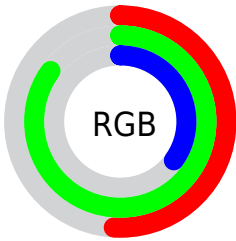
Format	Color
RYB	90, 216, 175
Decimal	8640602
CIELab	78.85, -47.89, 53.09
CIELCh	79, 71.495, 132.055
Yxy	54.6752, 0.3288, 0.5026
Android (android.graphics.Color)	4286830682 (0xFF83D85A)
YUV	176.2210, -42.5070, -39.6588
Hunter-Lab	73.9427, -43.0705, 37.0531

Details

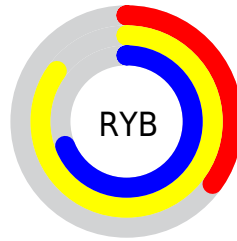
The YUV color **176.2210, -42.5070, -39.6588** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **129.7790, 42.5070, 39.6588**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3130, -38.6083, -30.0925**, and **120.0360, -41.9227, -40.3736** is the 20% darker color. If you saturate the color by 10%, you get **169.2280, -49.9054, -46.6810**, and if you desaturate by 10%, it is **183.2140, -35.1085, -32.6367**.

Distribution



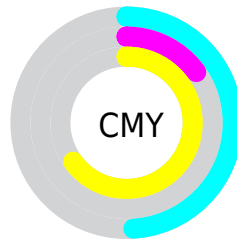
- Red (51%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2210, -42.5070, -39.6588 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 176.2210, -42.5070, -39.6588 by changing the saturation by 10% instead.

■ 176.2210,
-42.5070, -39.6588

■ 176.2210,
-42.5070, -39.6588

255.0000, 0.0000,
0.0000

■ 148.3350,
-42.0702, -39.7588

■ 222.3130,
-38.6083, -30.0925

■ 120.0360,
-41.9227, -40.3736

■ 234.3610,
-31.2370, -14.3486

■ 91.5150, -45.1169,
-42.5477

■ 246.3380,
-22.8446, 0.5806

■ 63.3960, -31.2542,
-55.5983

■ 251.9220,
-11.7935, 2.6994

■ 48.7210, -24.0195,
-42.7283

■ 34.0460, -16.7847,
-29.8583

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 176.2210,
-42.5070, -39.6588

■ 176.2210,
-42.5070, -39.6588

■ 169.2280,
-49.9054, -46.6810

■ 183.2140,
-35.1085, -32.6367

■ 162.6480,
-57.0145, -53.1883

■ 189.7940,
-27.9994, -26.1293

■ 155.6550,
-64.4129, -60.2104

■ 196.7870,
-20.6010, -19.1072

■ 149.0750,
-71.5220, -66.7178

■ 203.3670,
-13.4919, -12.5999

■ 147.7220,
-72.8269, -68.1622

■ 210.3600, -6.0935,
-5.5777

■ 217.0540, 1.4524,
0.8296

■ 223.9330, 8.4140,
7.9518

■ 230.0140, 12.3181,
15.7737

■ 232.1070, 11.2862,
20.0772

Harmonies

Analogous

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



184.3950, -66.2567, 18.0706



176.2210, -42.5070, -39.6588



149.4030, 1.2803, -131.0264

Triad

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



176.2210, -42.5070, -39.6588



154.6880, 49.4538, -135.6614



173.8100, -1.3853, 71.2036

Complementary

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



176.2210, -42.5070, -39.6588



129.7790, 42.5070, 39.6588

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.



185.5570, 25.8544, 60.9015



176.2210, -42.5070, -39.6588



177.3330, 38.2898, -54.6660

Square

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



176.2210, -42.5070, -39.6588



160.5580, 46.5599, -140.8094



196.1790, 28.9988, 32.2920



177.3080, -33.6758, 68.1359

Rectangle

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



176.2210, -42.5070, -39.6588



155.8210, 20.7942, -136.6550



196.1790, 28.9988, 32.2920



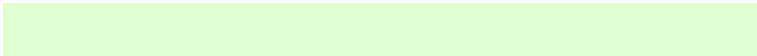
176.3180, 8.2242, 69.0041

Sweetspot

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



176.2210, -42.5070, -39.6588



240.4870, -15.5231, -14.4591



176.9820, -42.8821, 34.2188



119.0130, -9.8664, -8.7814



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.



176.2210, -42.5070, -39.6588



198.8280, -60.0612, -55.9772



166.3560, -27.2905, -66.9642



103.6530, -3.7729, -3.2037



117.1210, -57.7407, -53.6031



29.4270, -14.5075, -13.5295

Inverse Universe

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



129.7790, 42.5070, 39.6588



133.1720, 60.0612, 55.9772



139.6440, 27.2905, 66.9642



99.6460, 3.6255, 3.8185



53.8790, 57.7407, 53.6031



13.5730, 14.5075, 13.5295

Previews

White Background



This preview shows how the YUV color 176.2210, -42.5070, -39.6588 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 176.2210, -42.5070, -39.6588 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 176.2210, -42.5070, -39.6588 Background



This preview shows how black text looks on a background with the YUV color 176.2210, -42.5070, -39.6588.



This preview shows how white text looks on a background with the YUV color 176.2210, -42.5070, -39.6588.

-39.6588.

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

176.2210, -42.5070, -39.6588

Protanopia

187.9240, -51.7275, 24.6227

Deuteranopia

191.3420, -45.5246, 41.7961



Tritanopia

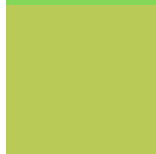
189.5750, 14.5065, -32.9533

Trichromacy



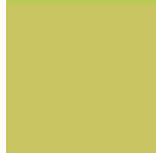
Original Color

176.2210, -42.5070, -39.6588



Protanomaly

183.6930, -48.1626, 1.1462



Deuteranomaly

185.7960, -44.2694, 12.4569



Tritanomaly

184.7600, -6.2907, -35.7465

Monochromacy



Original Color

176.2210, -42.5070, -39.6588



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.4870, -15.5231, -14.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2210, -42.5070, -39.6588 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(131, 216, 90)` looks like.

```
.text, #text, p{  
    color:rgb(131, 216, 90)  
}
```

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(131, 216, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 216, 90) }
```

Border

The CSS property to change the border of an element to YUV 176.2210, -42.5070, -39.6588 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(131, 216, 90) }
```


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

```
.border{ border-color:rgb(131, 216, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 216, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 216, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 216, 90);  
box-shadow:4px 4px 4px 4px rgb(131, 216,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 176.2210, -42.5070, -39.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 216, 90) }
```

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

```
.background{ background-color: rgb(131,  
216, 90) }
```

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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