

# Converting Colors

YUV(175.1050, -39.9848,  
-55.3431)

Have a look what the booklet for  
YUV(175.1050, -39.9848, -55.3431)  
contains.

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# Color

**YUV(175.1050, -39.9848,  
-55.3431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70DF5E
RGB	112, 223, 94
RGB Percent	44%, 87%, 37%
CMY	0.5608, 0.1255, 0.6314
CMYK	0.50, 0.00, 0.58, 0.13
HSL	112°, 67%, 62%
HSV	112°, 58%, 87%
XYZ	35.0901, 57.0282, 19.7478
YIQ	175.1050, -24.7470, -63.6510

# Conversions

## Conversions Part 2

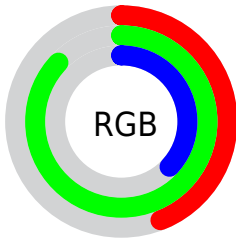
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 223, 205
Decimal	7397214
CIELab	80.20, -55.95, 52.64
CIElCh	80, 76.821, 136.741
Yxy	57.0282, 0.3137, 0.5098
Android (android.graphics.Color)	4285587294 (0xFF70DF5E)
YUV	175.1050, -39.9848, -55.3431
Hunter-Lab	75.5171, -49.2121, 37.3575

# Details

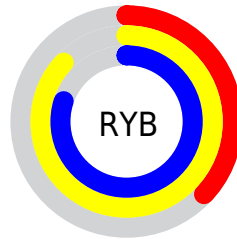
The YUV color **175.1050, -39.9848, -55.3431** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **141.8950, 39.9848, 55.3431**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6860, -34.3552, -40.9436**, and **116.9410, -37.9319, -60.4613** is the 20% darker color. If you saturate the color by 10%, you get **166.9160, -46.7936, -64.8243**, and if you desaturate by 10%, it is **183.2940, -33.1759, -45.8618**.

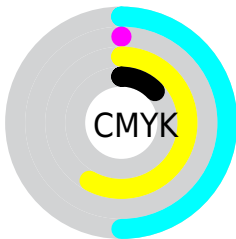
# Distribution



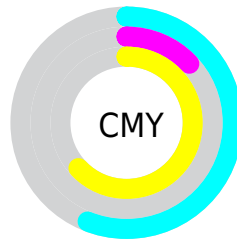
- Red (44%)
- Green (87%)
- Blue (37%)



- Red (37%)
- Yellow (87%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (58%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.1050, -39.9848, -55.3431 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 175.1050, -39.9848, -55.3431 by changing the saturation by 10% instead.



■ 175.1050,  
-39.9848, -55.3431

■ 175.1050,  
-39.9848, -55.3431

255.0000, 0.0000,  
0.0000

■ 146.6210,  
-39.2532, -56.6726

■ 217.6860,  
-34.3552, -40.9436

■ 116.9410,  
-37.9319, -60.4613

■ 229.5490,  
-26.3997, -25.9145

■ 82.4080, -39.6411,  
-72.2718

■ 241.7110,  
-18.5915, -10.2705

■ 66.3310, -32.7012,  
-58.1723

■ 252.4920, -9.6096,  
2.1995

■ 51.6560, -25.4664,  
-45.3023

■ 36.9810, -18.2316,  
-32.4323

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,  
-0.5148

■ 0.0000, 0.0000,  
0.0000

■ 175.1050,  
-39.9848, -55.3431

■ 175.1050,  
-39.9848, -55.3431

■ 166.9160,  
-46.7936, -64.8243

■ 183.2940,  
-33.1759, -45.8618

■ 158.6130,  
-54.0392, -74.2056


■ 191.5970,  
-25.9303, -36.4806

■ 150.1250,  
-60.7006, -84.3016


■ 200.0850,  
-19.2689, -26.3845

■ 141.9360,  
-67.5094, -93.7829

■ 208.2740,  
-12.4601, -16.9033

 140.1700,  
-69.1038, -95.7421

 216.5770, -5.2145,  
-7.5220

 224.7660, 1.5944,  
1.9592

 232.9550, 8.4032,  
11.4405

 236.2160, 9.2605,  
16.4736

# Harmonies

## Analogous

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



185.6730, -71.3238, 9.9338



175.1050, -39.9848, -55.3431



154.2930, 4.7856, -135.3150

# Triad

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



175.1050, -39.9848, -55.3431



155.8620, 48.8750, -136.6910



172.1970, -5.0271, 72.6182

# Complementary

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



175.1050, -39.9848, -55.3431



141.8950, 39.9848, 55.3431

# 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.



182.1660, 25.5542, 63.8754



175.1050, -39.9848, -55.3431



183.0250, 35.4837, -41.2409

# Square

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



175.1050, -39.9848, -55.3431



163.4930, 45.1130, -143.3834



199.8110, 27.2082, 46.6468



178.1740, -40.5118, 67.3764



# Rectangle

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



175.1050, -39.9848, -55.3431



161.1670, 26.0467, -141.3435



199.8110, 27.2082, 46.6468



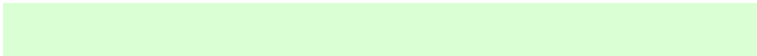
173.1720, 6.3242, 71.7632

# Sweetspot

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



175.1050, -39.9848, -55.3431



239.0350, -13.3283, -18.4477



197.1410, -50.8485, 22.6783



118.4580, -8.1138, -10.9257



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.



175.1050, -39.9848, -55.3431



189.7870, -54.6180, -75.2352



174.8530, -17.6755, -70.9081



108.0550, -3.4781, -4.4332



110.7870, -54.6180, -75.2352



30.2690, -14.9226, -20.4069



# Inverse Universe

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



141.8950, 39.9848, 55.3431



144.2130, 54.6180, 75.2352



142.1470, 17.6755, 70.9081



105.2440, 3.3307, 5.0480



65.2130, 54.6180, 75.2352

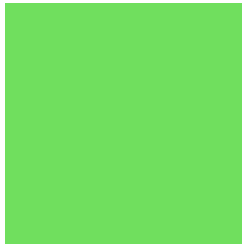


18.0300, 14.7752, 21.0217



# Previews

## White Background



This preview shows how the YUV color 175.1050, -39.9848, -55.3431 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 175.1050, -39.9848, -55.3431 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 175.1050, -39.9848, -55.3431 Background



This preview shows how black text looks on a background with the YUV color 175.1050, -39.9848, -55.3431.



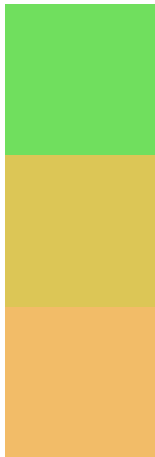
This preview shows how white text looks on a background with the YUV color 175.1050, -39.9848, -55.3431.

-55.3431.

# 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

175.1050, -39.9848, -55.3431

### Protanopia

191.8100, -52.1643, 24.7226

### Deuteranopia

194.5700, -44.6510, 41.5961



## Tritanopia

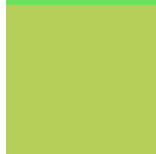
189.7090, 17.8915, -45.3488

# Trichromacy



## Original Color

175.1050, -39.9848, -55.3431



## Protanomaly

185.7740, -47.7096, -4.1868



## Deuteranomaly

187.6920, -43.2322, 6.4091



## Tritanomaly

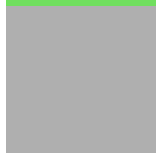
184.4810, -3.1951, -48.6568

# Monochromacy



## Original Color

175.1050, -39.9848, -55.3431



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

174.7960, -14.1964, -19.9921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.1050, -39.9848, -55.3431 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(112, 223, 94)` looks like.

```
.text, #text, p{  
    color:rgb(112, 223, 94)  
}
```

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(112, 223, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 223, 94) }
```

## Border

The CSS property to change the border of an element to YUV 175.1050, -39.9848, -55.3431 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(112, 223, 94) }
```



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

```
.border{ border-color:rgb(112, 223, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 223, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 223, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 223, 94);  
box-shadow:4px 4px 4px 4px rgb(112, 223,  
94) }
```

# Background

The CSS property to change the background color of an element to YUV 175.1050, -39.9848, -55.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 223, 94) }
```

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

```
.background{ background-color: rgb(112,  
223, 94) }
```

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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