

Converting Colors

YUV(175.4530, -54.4533,
-34.6003)

Have a look what the booklet for
YUV(175.4530, -54.4533, -34.6003)
contains.

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Color

**YUV(175.4530, -54.4533,
-34.6003)**

Conversions

Conversions Part 1

Format	Color
Hex	88D941
RGB	136, 217, 65
RGB Percent	53%, 85%, 25%
CMY	0.4667, 0.1490, 0.7451
CMYK	0.37, 0.00, 0.70, 0.15
HSL	92°, 67%, 55%
HSV	92°, 70%, 85%
XYZ	35.9203, 55.2416, 13.7705
YIQ	175.4530, 0.5160, -64.4440

Conversions

Conversions Part 2

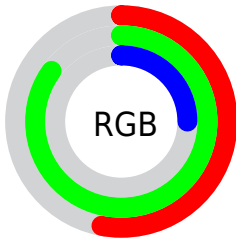
Format	Color
RYB	65, 217, 146
Decimal	8968513
CIELab	79.18, -48.76, 63.71
CIELCh	79, 80.232, 127.429
Yxy	55.2416, 0.3423, 0.5264
Android (android.graphics.Color)	4287158593 (0xFF88D941)
YUV	175.4530, -54.4533, -34.6003
Hunter-Lab	74.3247, -43.8011, 41.0423

Details

The YUV color **175.4530, -54.4533, -34.6003** 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 **106.5470, 54.4533, 34.6003**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4850, -49.5391, -24.1043**, and **117.8290, -58.0897, -34.9300** is the 20% darker color. If you saturate the color by 10%, you get **169.3570, -62.2940, -39.7781**, and if you desaturate by 10%, it is **181.5490, -46.6127, -29.4225**.

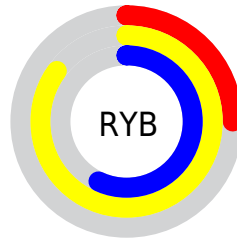
Distribution



Red (53%)

Green (85%)

Blue (25%)



Red (25%)

Yellow (85%)

Blue (57%)

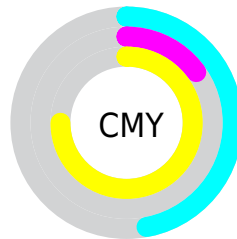


Cyan (37%)

Magenta (0%)

Yellow (70%)

Black (15%)



Cyan (47%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4530, -54.4533, -34.6003 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 175.4530, -54.4533, -34.6003 by changing the saturation by 10% instead.

■ 175.4530,
-54.4533, -34.6003

■ 175.4530,
-54.4533, -34.6003

■ 255.0000, 0.0000,
0.0000

■ 146.6980,
-56.0531, -34.8151

■ 221.4850,
-49.5391, -24.1043

■ 117.8290,
-58.0897, -34.9300

■ 233.6470,
-41.7310, -8.4604

■ 93.2980, -45.9959,
-40.6033

■ 245.8090,
-33.9228, 7.1835

■ 63.9830, -31.5436,
-56.1131

■ 249.4140,
-21.4031, 4.8989

■ 49.3080, -24.3088,
-43.2431

■ 252.7200, -8.7360,
1.9996

■ 34.6330, -17.0741,
-30.3731

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 175.4530,
-54.4533, -34.6003

■ 175.4530,
-54.4533, -34.6003

■ 169.3570,
-62.2940, -39.7781

■ 181.5490,
-46.6127, -29.4225

■ 163.6740,
-69.8453, -44.4411

■ 187.2320,
-39.0614, -24.7595

■ 157.5780,
-77.6860, -49.6189

■ 193.3280,
-31.2207, -19.5817

■ 199.1250,
-23.2326, -15.0186

■ 205.2210,
-15.3920, -9.8408

■ 210.9040, -7.8407,
-5.1778

■ 217.0000, 0.0000,
0.0000

■ 223.0960, 7.8407,
5.1778

■ 228.2090, 13.2080,
10.3407

Harmonies

Analogous

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



181.8530, -87.6815, 29.9469



175.4530, -54.4533, -34.6003



148.6390, -6.7240, -130.3564

Triad

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



175.4530, -54.4533, -34.6003



157.6230, 48.0069, -138.2354



167.9060, 6.4553, 76.3814

Complementary

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



175.4530, -54.4533, -34.6003



106.5470, 54.4533, 34.6003

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.



184.5600, 34.7269, 61.7759



175.4530, -54.4533, -34.6003



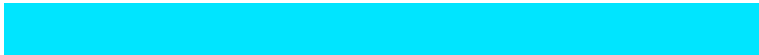
148.8730, 52.3206, -121.7916

Square

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



175.4530, -54.4533, -34.6003



163.4930, 45.1130, -143.3834



194.0640, 30.0414, 24.4999



170.8510, -30.4925, 73.7987

Rectangle

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



175.4530, -54.4533, -34.6003



156.3280, 15.1213, -137.0997



194.0640, 30.0414, 24.4999



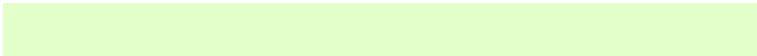
171.3430, 17.0859, 73.3672

Sweetspot

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



175.4530, -54.4533, -34.6003



240.1730, -19.3123, -12.4297



156.8210, -45.2678, 52.7770



119.2690, -11.4716, -7.2519



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.



175.4530, -54.4533, -34.6003



196.5180, -76.6704, -48.6893



154.5660, -42.6770, -78.5494



106.9520, -3.9203, -2.5889



125.7700, -62.0046, -39.2633



33.2810, -16.4075, -10.7704

Inverse Universe

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



106.5470, 54.4533, 34.6003



99.4820, 76.6704, 48.6893



127.4340, 42.6770, 78.5494



102.0480, 3.9203, 2.5889



47.2300, 62.0046, 39.2633



12.4200, 16.5549, 10.1557

Previews

White Background



This preview shows how the YUV color 175.4530, -54.4533, -34.6003 looks on a white background.

Color Contrast Check

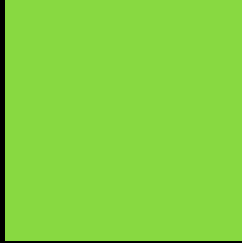
Large Text (above 18pt) WCAG AA × Fail

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 175.4530, -54.4533, -34.6003 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 175.4530, -54.4533, -34.6003 Background



This preview shows how black text looks on a background with the YUV color 175.4530, -54.4533, -34.6003.



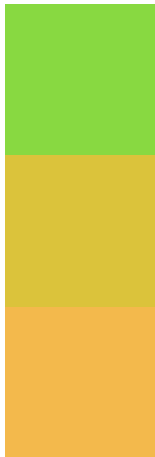
This preview shows how white text looks on a background with the YUV color 175.4530, -54.4533, -34.6003.

-34.6003.

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

175.4530, -54.4533, -34.6003

Protanopia

186.6720, -62.9423, 28.3517

Deuteranopia

189.9160, -56.1606, 46.5547



Tritanopia

191.3690, 13.6221, -29.2646

Trichromacy



Original Color

175.4530, -54.4533, -34.6003

Protanomaly

182.6260, -59.9616, 5.5900

Deuteranomaly

184.8430, -55.6316, 16.8007

Tritanomaly

185.5280, -11.1063, -31.1581

Monochromacy



Original Color

175.4530, -54.4533, -34.6003

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0590, -19.7491, -12.3297

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4530, -54.4533, -34.6003 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(136, 217, 65)` looks like.

```
.text, #text, p{  
    color:rgb(136, 217, 65)  
}
```

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(136, 217, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 217, 65) }
```

Border

The CSS property to change the border of an element to YUV 175.4530, -54.4533, -34.6003 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(136, 217, 65) }
```


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

```
.border{ border-color:rgb(136, 217, 65) }
```

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

Here you see how a box with a 4 pixel rgb(136, 217, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 217, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 217, 65);  
box-shadow:4px 4px 4px 4px rgb(136, 217,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 175.4530, -54.4533, -34.6003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 217, 65) }
```

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

```
.background{ background-color: rgb(136,  
217, 65) }
```

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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