

Converting Colors

YUV(175.4240, -67.2570,
-34.5748)

Have a look what the booklet for
YUV(175.4240, -67.2570, -34.5748)
contains.

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Color

**YUV(175.4240, -67.2570,
-34.5748)**

Conversions

Conversions Part 1

Format	Color
Hex	88DE27
RGB	136, 222, 39
RGB Percent	53%, 87%, 15%
CMY	0.4667, 0.1294, 0.8471
CMYK	0.39, 0.00, 0.82, 0.13
HSL	88°, 73%, 51%
HSV	88°, 82%, 87%
XYZ	36.6408, 57.6233, 11.1107
YIQ	175.4240, 7.4870, -75.1450

Conversions

Conversions Part 2

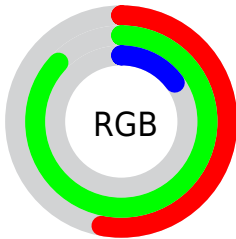
Format	Color
RYB	39, 222, 125
Decimal	8969767
CIELab	80.53, -52.18, 72.97
CIELCh	81, 89.704, 125.566
Yxy	57.6233, 0.3477, 0.5468
Android (android.graphics.Color)	4287159847 (0xFF88DE27)
YUV	175.4240, -67.2570, -34.5748
Hunter-Lab	75.9100, -46.6827, 44.4589

Details

The YUV color **175.4240, -67.2570, -34.5748** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **85.5760, 67.2570, 34.5748**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6180, -57.9857, -21.5900**, and **120.1660, -59.2418, -38.7336** is the 20% darker color. If you saturate the color by 10%, you get **169.9260, -75.3925, -38.5231**, and if you desaturate by 10%, it is **180.9220, -59.1215, -30.6266**.

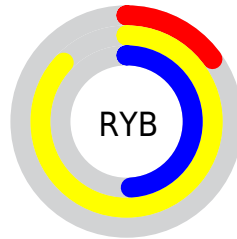
Distribution



Red (53%)

Green (87%)

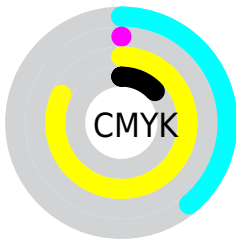
Blue (15%)



Red (15%)

Yellow (87%)

Blue (49%)

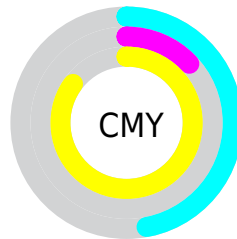


Cyan (39%)

Magenta (0%)

Yellow (82%)

Black (13%)



Cyan (47%)

Magenta (13%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4240, -67.2570, -34.5748 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 175.4240, -67.2570, -34.5748 by changing the saturation by 10% instead.

■ 175.4240,
-67.2570, -34.5748

■ 175.4240,
-67.2570, -34.5748

■ 255.0000, 0.0000,
0.0000

■ 145.5720,
-71.7670, -34.7046

■ 219.6180,
-57.9857, -21.5900

■ 120.1660,
-59.2418, -38.7336

■ 231.8940,
-49.7407, -6.0460

■ 94.1510, -46.4164,
-45.7364

■ 244.1700,
-41.4958, 9.4979

■ 66.3310, -32.7012,
-58.1723

■ 247.3620,
-29.2655, 6.6985

■ 51.6560, -25.4664,
-45.3023

■ 250.7820,
-16.1615, 3.6992

■ 36.9810, -18.2316,
-32.4323

■ 254.0880, -3.4944,

■ 24.0670, -11.8650,

0.7998

-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 175.4240,
-67.2570, -34.5748

■ 175.4240,
-67.2570, -34.5748

■ 169.9260,
-75.3925, -38.5231

■ 180.9220,
-59.1215, -30.6266

■ 165.5960,
-81.6388, -41.7417

■ 186.7190,
-51.1335, -26.0636

■ 192.3310,
-42.5612, -22.2153

■ 198.1280,
-34.5731, -17.6523

■ 203.6260,
-26.4376, -13.7040

■ 209.4230,
-18.4495, -9.1410

■ 214.9210,
-10.3141, -5.1927

■ 220.5330, -1.7418,
-1.3444

■ 226.3300, 6.2463,
3.2186

Harmonies

Analogous

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



184.9630, -91.1868, 34.2354



175.4240, -67.2570, -34.5748



151.1350, -12.3916, -132.5454

Triad

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



175.4240, -67.2570, -34.5748



162.3190, 45.6917, -142.3538



161.6600, 12.9856, 81.8592

Complementary

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



175.4240, -67.2570, -34.5748



85.5760, 67.2570, 34.5748

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.



181.0380, 36.4633, 64.8647



175.4240, -67.2570, -34.5748



149.4050, 52.0583, -131.0282

Square

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



175.4240, -67.2570, -34.5748



167.6020, 43.0872, -146.9870



194.6400, 29.7575, 22.2407



165.3400, -28.7616, 78.6318

Rectangle

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



175.4240, -67.2570, -34.5748



160.0950, 11.7852, -140.4033



194.6400, 29.7575, 22.2407



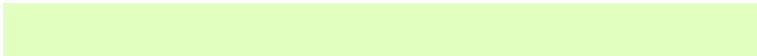
166.0260, 24.6372, 78.0302

Sweetspot

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



175.4240, -67.2570, -34.5748



238.7340, -23.5329, -12.0447



143.6120, -51.5737, 68.7463



118.1720, -14.3818, -7.1668



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.



175.4240, -67.2570, -34.5748



190.6910, -92.5317, -47.9640



148.2150, -53.8430, -90.5196



109.2510, -4.0677, -1.9741



131.1190, -64.6417, -33.4304



35.9500, -17.7233, -8.7261

Inverse Universe

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



85.5760, 67.2570, 34.5748



67.0100, 92.6791, 47.3492



112.7850, 53.8430, 90.5196



103.7490, 4.0677, 1.9741



44.8810, 64.6417, 33.4304



12.3490, 17.5759, 9.3409

Previews

White Background



This preview shows how the YUV color 175.4240, -67.2570, -34.5748 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 175.4240, -67.2570, -34.5748 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 175.4240, -67.2570, -34.5748 Background



This preview shows how black text looks on a background with the YUV color 175.4240, -67.2570, -34.5748.



This preview shows how white text looks on a background with the YUV color 175.4240, -67.2570, -34.5748.

-34.5748.

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

175.4240, -67.2570, -34.5748

Protanopia

187.5510, -76.1936, 31.9658

Deuteranopia

191.8920, -66.5018, 50.0837



Tritanopia

194.7710, 13.9169, -30.4942

Trichromacy



Original Color

175.4240, -67.2570, -34.5748

Protanomaly

182.9070, -72.9182, 7.9746

Deuteranomaly

185.8790, -66.9883, 19.4001

Tritanomaly

187.3770, -15.4689, -31.9026

Monochromacy



Original Color

175.4240, -67.2570, -34.5748

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2070, -24.2591, -12.4595

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4240, -67.2570, -34.5748 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, 222, 39)` looks like.

```
.text, #text, p{  
    color:rgb(136, 222, 39)  
}
```

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, 222, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 222, 39) }
```

Border

The CSS property to change the border of an element to YUV 175.4240, -67.2570, -34.5748 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, 222, 39) }
```


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

```
.border{ border-color:rgb(136, 222, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 222, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 222, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 222, 39);  
box-shadow:4px 4px 4px 4px rgb(136, 222,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 175.4240, -67.2570, -34.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 222, 39) }
```

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

```
.background{ background-color: rgb(136,  
222, 39) }
```

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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