

Converting Colors

YUV(175.5470, -43.6537,
-45.2067)

Have a look what the booklet for
YUV(175.5470, -43.6537, -45.2067)
contains.

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Color

**YUV(175.5470, -43.6537,
-45.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	7CDB57
RGB	124, 219, 87
RGB Percent	49%, 86%, 34%
CMY	0.5137, 0.1412, 0.6588
CMYK	0.43, 0.00, 0.60, 0.14
HSL	103°, 65%, 60%
HSV	103°, 60%, 86%
XYZ	35.3640, 55.6362, 17.8918
YIQ	175.5470, -14.2480, -61.1920

Conversions

Conversions Part 2

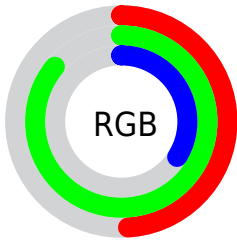
Format	Color
R_YB	87, 219, 182
Decimal	8182615
CIE _{Lab}	79.41, -51.61, 54.95
CIE _{LCh}	79, 75.388, 133.208
Yxy	55.6362, 0.3248, 0.5109
Android (android.graphics.Color)	4286372695 (0xFF7CDB57)
YUV	175.5470, -43.6537, -45.2067
Hunter-Lab	74.5897, -45.9027, 37.9909

Details

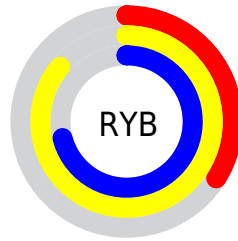
The YUV color **175.5470, -43.6537, -45.2067** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **130.4530, 43.6537, 45.2067**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1770, -39.0343, -33.4812**, and **118.6500, -43.2114, -47.0511** is the 20% darker color. If you saturate the color by 10%, you get **168.2550, -50.9047, -52.8436**, and if you desaturate by 10%, it is **182.8390, -36.4026, -37.5698**.

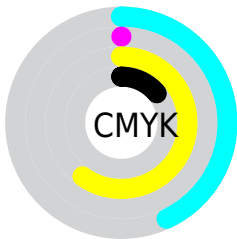
Distribution



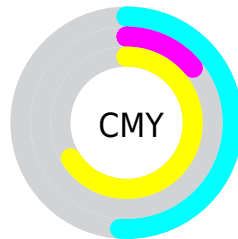
- Red (49%)
- Green (86%)
- Blue (34%)



- Red (34%)
- Yellow (86%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (60%)
- Black (14%)



- Cyan (51%)
- Magenta (14%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5470, -43.6537, -45.2067 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 175.5470, -43.6537, -45.2067 by changing the saturation by 10% instead.

■ 175.5470,
-43.6537, -45.2067

■ 175.5470,
-43.6537, -45.2067

255.0000, 0.0000,
0.0000

■ 147.3620,
-43.0695, -45.9215

■ 220.1770,
-39.0343, -33.4812

■ 118.6500,
-43.2114, -47.0511

■ 232.0400,
-31.0787, -18.4521

■ 88.5030, -43.6320,
-52.1841

■ 244.2020,
-23.2706, -2.8082

■ 64.5700, -31.8330,
-56.6279

■ 251.6940,
-12.6671, 2.8994

■ 49.8950, -24.5982,
-43.7579

■ 35.2200, -17.3635,
-30.8879

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 175.5470,
-43.6537, -45.2067

■ 175.5470,
-43.6537, -45.2067

■ 168.2550,
-50.9047, -52.8436

■ 182.8390,
-36.4026, -37.5698

■ 160.9630,
-58.1558, -60.4806

■ 190.1310,
-29.1516, -29.9329

■ 153.9700,
-65.5542, -67.5027

■ 197.1240,
-21.7531, -22.9107

■ 146.7920,
-72.3685, -75.2396

■ 204.4160,
-14.5021, -15.2738

■ 211.5940, -7.6878,
-7.5369

■ 218.8860, -0.4368,
0.1000

■ 225.8790, 6.9617,
7.1221

■ 232.3730, 11.1551,
15.4589

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



184.7170, -71.3455, 16.9112



175.5470, -43.6537, -45.2067



151.3920, 1.2857, -132.7708

Triad

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



175.5470, -43.6537, -45.2067



155.8620, 48.8750, -136.6910



171.8210, -1.3908, 72.9480

Complementary

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



175.5470, -43.6537, -45.2067



130.4530, 43.6537, 45.2067

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.



183.3230, 27.4488, 62.8607



175.5470, -43.6537, -45.2067



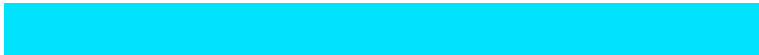
177.0340, 38.4372, -55.2808

Square

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



175.5470, -43.6537, -45.2067



162.3190, 45.6917, -142.3538



197.0980, 28.5457, 37.6251



176.0370, -36.0072, 69.2506

Rectangle

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



175.5470, -43.6537, -45.2067



158.0380, 21.6733, -138.5993



197.0980, 28.5457, 37.6251



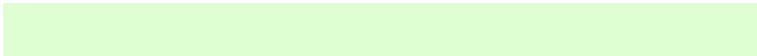
173.8560, 8.9450, 71.1633

Sweetspot

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



175.5470, -43.6537, -45.2067



239.8890, -15.2283, -15.6887



182.2330, -46.9499, 32.2447



118.4150, -9.5716, -10.0110



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.



175.5470, -43.6537, -45.2067



194.5560, -60.9131, -62.7546



167.7900, -25.5325, -70.8528



106.3540, -3.6255, -3.8185



116.2020, -57.2876, -58.9362



30.8890, -15.2283, -15.6887

Inverse Universe

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



130.4530, 43.6537, 45.2067



131.7430, 60.7657, 63.3694



138.2100, 25.5325, 70.8528



102.6460, 3.6255, 3.8185



57.0970, 57.1402, 59.5509



15.1110, 15.2283, 15.6887

Previews

White Background



This preview shows how the YUV color 175.5470, -43.6537, -45.2067 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 175.5470, -43.6537, -45.2067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

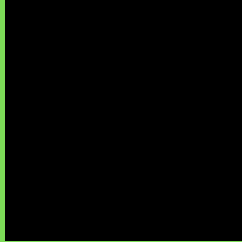
Any Text WCAG AA ✓ Pass

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 175.5470, -43.6537, -45.2067 Background



This preview shows how black text looks on a background with the YUV color 175.5470, -43.6537, -45.2067.



This preview shows how white text looks on a background with the YUV color 175.5470, -43.6537, -45.2067.

-45.2067.

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

175.5470, -43.6537, -45.2067

Protanopia

189.3540, -53.9115, 25.1225

Deuteranopia

192.2990, -46.9824, 42.7108



Tritanopia

189.5960, 15.9752, -37.3567

Trichromacy



Original Color

175.5470, -43.6537, -45.2067



Protanomaly

184.2260, -49.9044, -0.1982



Deuteranomaly

186.0300, -45.8638, 10.4977



Tritanomaly

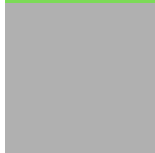
184.5530, -5.6956, -39.9500

Monochromacy



Original Color

175.5470, -43.6537, -45.2067



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.0630, -15.8071, -16.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5470, -43.6537, -45.2067 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(124, 219, 87)` looks like.

```
.text, #text, p{  
    color:rgb(124, 219, 87)  
}
```

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(124, 219, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 219, 87) }
```

Border

The CSS property to change the border of an element to YUV 175.5470, -43.6537, -45.2067 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(124, 219, 87) }
```


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

```
.border{ border-color:rgb(124, 219, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 219, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 219, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 219, 87);  
box-shadow:4px 4px 4px 4px rgb(124, 219,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 175.5470, -43.6537, -45.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 219, 87) }
```

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

```
.background{ background-color: rgb(124,  
219, 87) }
```

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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