

Converting Colors

YUV(179.2330, -47.4429,
-43.1773)

Have a look what the booklet for
YUV(179.2330, -47.4429, -43.1773)
contains.

YUV(179.2330, -47.4429, -43.1773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(179.2330, -47.4429,
-43.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	82DF53
RGB	130, 223, 83
RGB Percent	51%, 87%, 33%
CMY	0.4902, 0.1255, 0.6745
CMYK	0.42, 0.00, 0.63, 0.13
HSL	100°, 69%, 60%
HSV	100°, 63%, 87%
XYZ	37.1549, 58.1457, 17.4486
YIQ	179.2330, -10.4880, -63.2560

Conversions

Conversions Part 2

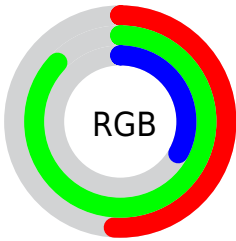
Format	Color
RYB	83, 223, 176
Decimal	8576851
CIELab	80.82, -51.74, 58.30
CIElCh	81, 77.943, 131.587
Yxy	58.1457, 0.3295, 0.5157
Android (android.graphics.Color)	4286766931 (0xFF82DF53)
YUV	179.2330, -47.4429, -43.1773
Hunter-Lab	76.2533, -46.4681, 39.8104

Details

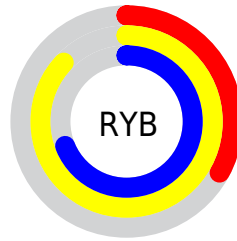
The YUV color $179.2330, -47.4429, -43.1773$ is a dark color, and the websafe version is hex $66CC33$. The color can be described as middle muted chartreuse. A complement of this color would be $126.7670, 47.4429, 43.1773$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.6290, -41.2291, -29.4926$, and $121.8800, -48.7478, -44.6218$ is the 20% darker color. If you saturate the color by 10%, you get $172.2400, -54.8413, -50.1995$, and if you desaturate by 10%, it is $186.2260, -40.0444, -36.1552$.

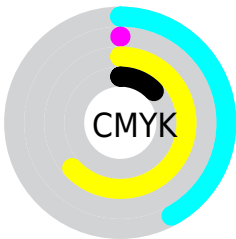
Distribution



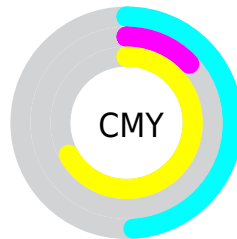
- Red (51%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (69%)



- Cyan (42%)
- Magenta (0%)
- Yellow (63%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.2330, -47.4429, -43.1773 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 179.2330, -47.4429, -43.1773 by changing the saturation by 10% instead.

■ 179.2330,
-47.4429, -43.1773

■ 179.2330,
-47.4429, -43.1773

■ 255.0000, 0.0000,
0.0000

■ 150.9340,
-47.2955, -43.7921

■ 221.6290,
-41.2291, -29.4926

■ 121.8800,
-48.7478, -44.6218

■ 233.6770,
-33.8578, -13.7487

■ 93.2430, -45.9688,
-49.3251

■ 245.9530,
-25.6128, 1.7952

■ 66.9180, -32.9906,
-58.6871

■ 251.2380,
-14.4143, 3.2993

■ 51.6560, -25.4664,
-45.3023

■ 254.6580, -1.3104,
0.2999

■ 37.5680, -18.5210,
-32.9471

■ 24.6540, -12.1544,

-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 179.2330,
-47.4429, -43.1773

■ 179.2330,
-47.4429, -43.1773

■ 172.2400,
-54.8413, -50.1995

■ 186.2260,
-40.0444, -36.1552

■ 165.1330,
-62.6766, -57.1216


■ 193.3330,
-32.2092, -29.2330

■ 158.4390,
-70.2224, -63.5290


■ 200.0270,
-24.6633, -22.8257


■ 153.3260,
-75.5897, -68.6919

■ 207.0200,
-17.2649, -15.8035

 214.1270, -9.4296,
-8.8814

 221.1200, -2.0312,
-1.8592

 228.1130, 5.3673,
5.1629

 234.4220, 10.1450,
12.7849

 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.



187.8870, -75.8663, 20.2701



179.2330, -47.4429, -43.1773



153.5120, -0.7454, -134.6300

Triad

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



179.2330, -47.4429, -43.1773



158.7970, 47.4281, -139.2650



172.5050, 1.2300, 72.3481

Complementary

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



179.2330, -47.4429, -43.1773



126.7670, 47.4429, 43.1773

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.



186.1100, 30.5118, 60.4165



179.2330, -47.4429, -43.1773



176.0820, 38.9066, -65.8469

Square

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



179.2330, -47.4429, -43.1773



165.2540, 44.2448, -144.9278



200.0330, 27.0987, 35.0511



176.4930, -34.2600, 68.8506

Rectangle

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



179.2330, -47.4429, -43.1773



160.9730, 20.2263, -141.1733



200.0330, 27.0987, 35.0511



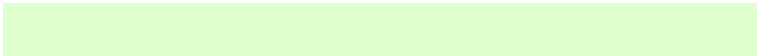
174.7680, 12.4394, 70.3635

Sweetspot

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



179.2330, -47.4429, -43.1773



239.9600, -16.2493, -14.8739



178.2770, -46.9716, 39.2221



118.6000, -10.1558, -9.2962



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.



179.2330, -47.4429, -43.1773



195.2530, -64.7077, -58.9809



167.5740, -31.3420, -74.1714



108.6530, -3.7729, -3.2037



120.9530, -59.6298, -54.3328



32.9600, -16.2493, -14.8739

Inverse Universe

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



126.7670, 47.4429, 43.1773



123.7470, 64.7077, 58.9809



138.4260, 31.3420, 74.1714



104.3470, 3.7729, 3.2037



55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Previews

White Background



This preview shows how the YUV color 179.2330, -47.4429, -43.1773 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 179.2330, -47.4429, -43.1773 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 179.2330, -47.4429, -43.1773 Background



This preview shows how black text looks on a background with the YUV color 179.2330, -47.4429, -43.1773.



This preview shows how white text looks on a background with the YUV color 179.2330, -47.4429, -43.1773.

-43.1773.

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

179.2330, -47.4429, -43.1773

Protanopia

192.7410, -57.5533, 26.5371

Deuteranopia

195.6860, -50.6242, 44.1254



Tritanopia

194.4930, 15.5330, -35.5124

Trichromacy



Original Color

179.2330, -47.4429, -43.1773



Protanomaly

187.6130, -53.5462, 1.2164



Deuteranomaly

189.7160, -49.6530, 12.5271



Tritanomaly

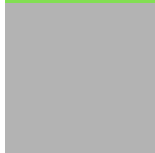
188.8090, -7.3008, -38.4205

Monochromacy



Original Color

179.2330, -47.4429, -43.1773



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0200, -17.2649, -15.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.2330, -47.4429, -43.1773 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(130, 223, 83)` looks like.

```
.text, #text, p{  
    color:rgb(130, 223, 83)  
}
```

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(130, 223, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 223, 83) }
```

Border

The CSS property to change the border of an element to YUV 179.2330, -47.4429, -43.1773 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(130, 223, 83) }
```


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

```
.border{ border-color:rgb(130, 223, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 223, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 223, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 223, 83);  
box-shadow:4px 4px 4px 4px rgb(130, 223,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 179.2330, -47.4429, -43.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 223, 83) }
```

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

```
.background{ background-color: rgb(130,  
223, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor