

Converting Colors

YUV(143.5050, -40.1820,
-85.5119)

Have a look what the booklet for
YUV(143.5050, -40.1820, -85.5119)
contains.

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Color

**YUV(143.5050, -40.1820,
-85.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED13E
RGB	46, 209, 62
RGB Percent	18%, 82%, 24%
CMY	0.8196, 0.1804, 0.7569
CMYK	0.78, 0.00, 0.70, 0.18
HSL	126°, 64%, 50%
HSV	126°, 78%, 82%
XYZ	24.7967, 46.5296, 12.2316
YIQ	143.5050, -49.9610, -80.2730

Conversions

Conversions Part 2

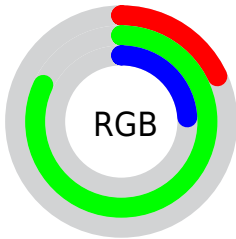
Format	Color
RYB	46, 194, 209
Decimal	3068222
CIELab	73.89, -67.96, 58.48
CIELCh	74, 89.655, 139.289
Yxy	46.5296, 0.2968, 0.5569
Android (android.graphics.Color)	4281258302 (0xFF2ED13E)
YUV	143.5050, -40.1820, -85.5119
Hunter-Lab	68.2126, -54.4836, 37.1172

Details

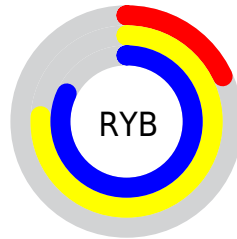
The YUV color **143.5050, -40.1820, -85.5119** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **111.4950, 40.1820, 85.5119**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6040, -40.2308, -69.8127**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **135.0600, -45.3856, -96.5226**, and if you desaturate by 10%, it is **151.9500, -34.9783, -74.5011**.

Distribution



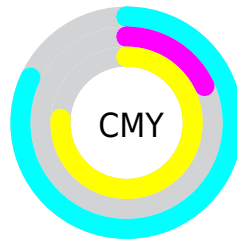
- Red (18%)
- Green (82%)
- Blue (24%)



- Red (18%)
- Yellow (76%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (70%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.5050, -40.1820, -85.5119 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 143.5050, -40.1820, -85.5119 by changing the saturation by 10% instead.

■ 143.5050,
-40.1820, -85.5119

■ 143.5050,
-40.1820, -85.5119

■ 255.0000, 0.0000,
0.0000

■ 109.7810,
-38.8390, -96.2779

■ 198.6040,
-40.2308, -69.8127

■ 89.8110, -44.2768,
-78.7642

■ 211.3640,
-32.7175, -52.9392

■ 73.9620, -36.4633,
-64.8647

■ 223.8250,
-25.0567, -36.6805

■ 58.1130, -28.6497,
-50.9651

■ 236.2860,
-17.3960, -20.4218

■ 43.4380, -21.4149,
-38.0951

■ 248.8610, -9.2985,
-4.2631

■ 29.3500, -14.4695,
-25.7399

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 143.5050,
-40.1820, -85.5119

■ 143.5050,
-40.1820, -85.5119

■ 135.0600,
-45.3856, -96.5226

■ 151.9500,
-34.9783, -74.5011

■ 126.6150,
-50.5892, -107.5334

■ 160.3950,
-29.7747, -63.4904

■ 125.0770,
-51.3100, -109.6925

■ 168.8400,
-24.5711, -52.4797

■ 177.1710,
-19.8043, -41.3690

■ 185.6160,
-14.6007, -30.3582

■ 193.7620, -9.2497,
-19.9623

■ 202.2070, -4.0461,
-8.9515

■ 210.6520, 1.1576,
2.0592

■ 219.0970, 6.3612,
13.0699

Harmonies

Analogous

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



164.1100, -80.9062, 3.4115



143.5050, -40.1820, -85.5119



143.6640, 2.1376, -125.9933

Triad

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



143.5050, -40.1820, -85.5119



146.4700, 53.5053, -128.4542



145.9980, -6.4080, 95.5948

Complementary

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



143.5050, -40.1820, -85.5119



111.4950, 40.1820, 85.5119

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.



155.3460, 29.4094, 87.3966



143.5050, -40.1820, -85.5119



161.7170, 45.9885, -50.6178

Square

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



143.5050, -40.1820, -85.5119



154.6880, 49.4538, -135.6614



181.3040, 36.3321, 60.2464



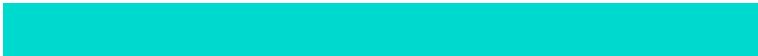
158.7110, -51.6225, 84.4455

Rectangle

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



143.5050, -40.1820, -85.5119



151.4500, 26.8932, -132.8216



181.3040, 36.3321, 60.2464



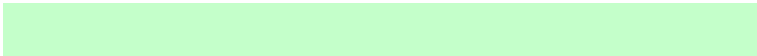
145.5540, 7.1219, 95.9841

Sweetspot

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



143.5050, -40.1820, -85.5119



231.3170, -14.4533, -30.9730



186.2320, -69.1344, 7.6895



113.4740, -9.1077, -18.8327



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.



143.5050, -40.1820, -85.5119



158.6160, -58.9707, -125.9512



152.5110, -5.6749, -93.4101



100.5710, -2.7465, -5.7628



100.5540, -41.1921, -88.1859



24.5230, -10.1178, -21.5067

Inverse Universe

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



111.4950, 40.1820, 85.5119



111.3840, 58.9707, 125.9512



102.4890, 5.6749, 93.4101



98.4290, 2.7465, 5.7628



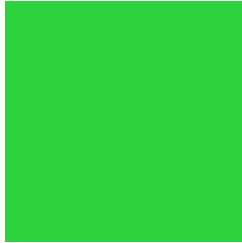
67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 143.5050, -40.1820, -85.5119 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 143.5050, -40.1820, -85.5119 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 143.5050, -40.1820, -85.5119 Background



This preview shows how black text looks on a background with the YUV color 143.5050, -40.1820, -85.5119.



This preview shows how white text looks on a background with the YUV color 143.5050, -40.1820, -85.5119.

-85.5119.

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

143.5050, -40.1820, -85.5119

Protanopia

172.2140, -58.2795, 26.1223

Deuteranopia

175.6040, -49.5978, 41.5663



Tritanopia

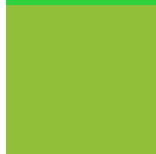
166.9240, 21.7295, -63.0773

Trichromacy



Original Color

143.5050, -40.1820, -85.5119



Protanomaly

161.9700, -51.7502, -14.8827



Deuteranomaly

164.1160, -46.3992, -4.4867



Tritanomaly

158.3210, -0.6513, -71.3185

Monochromacy



Original Color

143.5050, -40.1820, -85.5119



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9040, -14.7427, -31.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.5050, -40.1820, -85.5119 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(46, 209, 62)` looks like.

```
.text, #text, p{  
    color:rgb(46, 209, 62)  
}
```

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(46, 209, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 209, 62) }
```

Border

The CSS property to change the border of an element to YUV 143.5050, -40.1820, -85.5119 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(46, 209, 62) }
```


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

```
.border{ border-color:rgb(46, 209, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 209, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 209, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 209, 62);  
box-shadow:4px 4px 4px 4px rgb(46, 209,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 143.5050, -40.1820, -85.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 209, 62) }
```

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

```
.background{ background-color: rgb(46, 209,  
62) }
```

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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