

Converting Colors

YUV(142.0230, -45.8603,
-84.2122)

Have a look what the booklet for
YUV(142.0230, -45.8603, -84.2122)
contains.

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Color

**YUV(142.0230, -45.8603,
-84.2122)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED131
RGB	46, 209, 49
RGB Percent	18%, 82%, 19%
CMY	0.8196, 0.1804, 0.8078
CMYK	0.78, 0.00, 0.77, 0.18
HSL	121°, 64%, 50%
HSV	121°, 78%, 82%
XYZ	24.4816, 46.4035, 10.5722
YIQ	142.0230, -45.7880, -84.3160

Conversions

Conversions Part 2

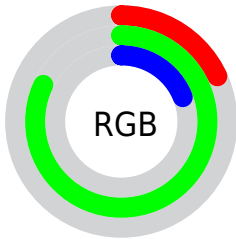
Format	Color
RYB	46, 206, 209
Decimal	3068209
CIELab	73.81, -68.97, 62.91
CIELCh	74, 93.353, 137.628
Yxy	46.4035, 0.3005, 0.5697
Android (android.graphics.Color)	4281258289 (0xFF2ED131)
YUV	142.0230, -45.8603, -84.2122
Hunter-Lab	68.1201, -55.0595, 38.4823

Details

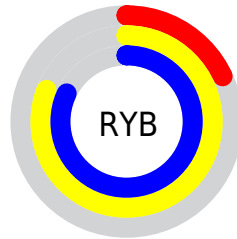
The YUV color **142.0230, -45.8603, -84.2122** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **112.9770, 45.8603, 84.2122**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6490, -45.1830, -68.0982**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **133.3500, -51.9375, -95.0229**, and if you desaturate by 10%, it is **150.6960, -39.7831, -73.4014**.

Distribution



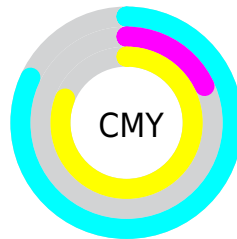
- Red (18%)
- Green (82%)
- Blue (19%)



- Red (18%)
- Yellow (81%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (77%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0230, -45.8603, -84.2122 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 142.0230, -45.8603, -84.2122 by changing the saturation by 10% instead.

■ 142.0230,
-45.8603, -84.2122

■ 142.0230,
-45.8603, -84.2122

■ 255.0000, 0.0000,
0.0000

■ 107.1590,
-48.8854, -93.9784

■ 197.6490,
-45.1830, -68.0982

■ 89.8110, -44.2768,
-78.7642

■ 210.4090,
-37.6696, -51.2247

■ 73.9620, -36.4633,
-64.8647

■ 222.8700,
-30.0089, -34.9660

■ 58.1130, -28.6497,
-50.9651

■ 235.4450,
-21.9114, -18.8073

■ 43.4380, -21.4149,
-38.0951

■ 248.0200,
-13.8139, -2.6485

■ 29.3500, -14.4695,
-25.7399

■ 254.3160, -2.6208,

■ 12.9140, -6.3666,

0.5999

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 142.0230,
-45.8603, -84.2122

■ 142.0230,
-45.8603, -84.2122

■ 133.3500,
-51.9375, -95.0229

■ 150.6960,
-39.7831, -73.4014

■ 124.7910,
-57.5780, -105.9337

■ 159.2550,
-34.1427, -62.4906

■ 123.1390,
-58.7355, -107.9929

■ 167.9280,
-28.0655, -51.6799

■ 176.4870,
-22.4251, -40.7691

■ 185.1600,
-16.3479, -29.9583

■ 193.4200,
-10.5601, -19.6623

■ 202.0930, -4.4828,
-8.8516

■ 210.6520, 1.1576,
2.0592

■ 219.3250, 7.2348,
12.8700

Harmonies

Analogous

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



164.4200, -81.0591, 5.7707



142.0230, -45.8603, -84.2122



143.5670, -0.7725, -125.9083

Triad

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



142.0230, -45.8603, -84.2122



147.6440, 52.9265, -129.4838



140.3560, -2.6405, 100.5428

Complementary

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



142.0230, -45.8603, -84.2122



112.9770, 45.8603, 84.2122

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.



152.5080, 33.7666, 89.8855



142.0230, -45.8603, -84.2122



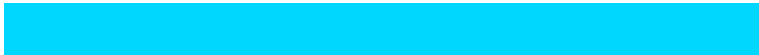
153.3340, 50.1213, -69.5759

Square

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



142.0230, -45.8603, -84.2122



155.2750, 49.1644, -136.1762



180.1080, 36.9218, 57.7873



155.0750, -50.3230, 87.6342

Rectangle

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



142.0230, -45.8603, -84.2122



151.5810, 24.8566, -132.9365



180.1080, 36.9218, 57.7873



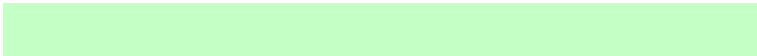
140.0260, 11.3262, 100.8322

Sweetspot

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



142.0230, -45.8603, -84.2122



230.7470, -16.6373, -30.4731



189.5210, -70.7559, 14.4521



113.1320, -10.4181, -18.5328



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.



142.0230, -45.8603, -84.2122



156.4500, -67.2699, -124.0517



151.2570, -10.4797, -92.3104



100.4570, -3.1833, -5.6628



98.9580, -47.3073, -86.7862



24.1810, -11.4282, -21.2067

Inverse Universe

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



112.9770, 45.8603, 84.2122



113.6640, 67.7066, 123.9517



103.7430, 10.4797, 92.3104



98.4290, 2.7465, 5.7628



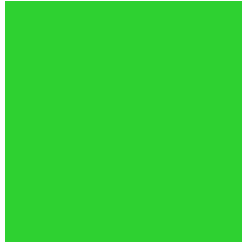
69.0420, 47.3073, 86.7862



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 142.0230, -45.8603, -84.2122 looks on a white background.

Color Contrast Check

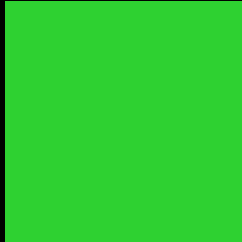
Large Text (above 18pt) WCAG AA × Fail

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 142.0230, -45.8603, -84.2122 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 142.0230, -45.8603, -84.2122 Background



This preview shows how black text looks on a background with the YUV color 142.0230, -45.8603, -84.2122.



This preview shows how white text looks on a background with the YUV color 142.0230, -45.8603, -84.2122.

-84.2122.

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

142.0230, -45.8603, -84.2122

Protanopia

170.8460, -63.5211, 27.3221

Deuteranopia

174.7630, -54.1132, 43.1808



Tritanopia

167.2230, 21.5821, -62.4626

Trichromacy



Original Color

142.0230, -45.8603, -84.2122



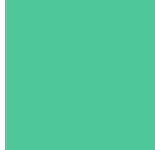
Protanomaly

160.6020, -56.9918, -13.6830



Deuteranomaly

162.8620, -51.2040, -3.3870



Tritanomaly

158.0500, -2.9826, -70.2038

Monochromacy



Original Color

142.0230, -45.8603, -84.2122



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.7470, -16.6373, -30.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0230, -45.8603, -84.2122 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(46, 209, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 209, 49) }
```

Border

The CSS property to change the border of an element to YUV 142.0230, -45.8603, -84.2122 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, 49) }
```


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

```
.border{ border-color:rgb(46, 209, 49) }
```

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, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 209, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 209, 49);  
box-shadow:4px 4px 4px 4px rgb(46, 209,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 142.0230, -45.8603, -84.2122 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, 49) }
```

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

```
.background{ background-color: rgb(46, 209,  
49) }
```

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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