

Converting Colors

YUV(157.4590, -43.6103,
-59.1615)

Have a look what the booklet for
YUV(157.4590, -43.6103, -59.1615)
contains.

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Color

**YUV(157.4590, -43.6103,
-59.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD145
RGB	90, 209, 69
RGB Percent	35%, 82%, 27%
CMY	0.6471, 0.1804, 0.7294
CMYK	0.57, 0.00, 0.67, 0.18
HSL	111°, 60%, 55%
HSV	111°, 67%, 82%
XYZ	28.0911, 48.2043, 13.4540
YIQ	157.4590, -25.9840, -68.7680

Conversions

Conversions Part 2

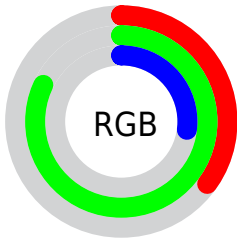
Format	Color
RYB	69, 209, 188
Decimal	5951813
CIELab	74.95, -58.99, 57.20
CIELCh	75, 82.168, 135.881
Yxy	48.2043, 0.3130, 0.5371
Android (android.graphics.Color)	4284141893 (0xFF5AD145)
YUV	157.4590, -43.6103, -59.1615
Hunter-Lab	69.4293, -49.2801, 37.1113

Details

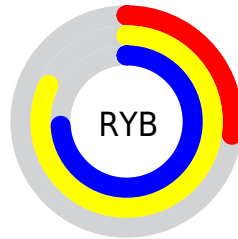
The YUV color **157.4590, -43.6103, -59.1615** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **120.5410, 43.6103, 59.1615**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5570, -42.1796, -51.3545**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **149.6830, -50.1297, -68.1280**, and if you desaturate by 10%, it is **165.2350, -37.0909, -50.1951**.

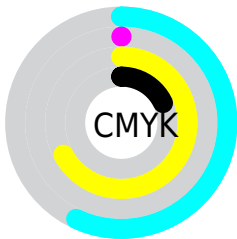
Distribution



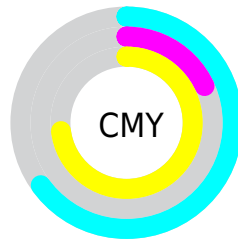
- Red (35%)
- Green (82%)
- Blue (27%)



- Red (27%)
- Yellow (82%)
- Blue (74%)



- Cyan (57%)
- Magenta (0%)
- Yellow (67%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4590, -43.6103, -59.1615 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 157.4590, -43.6103, -59.1615 by changing the saturation by 10% instead.

■ 157.4590,
-43.6103, -59.1615

■ 157.4590,
-43.6103, -59.1615

■ 255.0000, 0.0000,
0.0000

■ 127.8500,
-43.3100, -62.1354

■ 208.5570,
-42.1796, -51.3545

■ 89.8110, -44.2768,
-78.7642

■ 220.7190,
-34.3715, -35.7106

■ 74.5490, -36.7527,
-65.3795

■ 232.8810,
-26.5633, -20.0666

■ 58.7000, -28.9391,
-51.4799

■ 245.0430,
-18.7552, -4.4227

■ 44.0250, -21.7043,
-38.6099

■ 252.8340, -8.2992,
1.8996

■ 30.5240, -15.0483,
-26.7695

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 157.4590,
-43.6103, -59.1615

■ 157.4590,
-43.6103, -59.1615

■ 149.6830,
-50.1297, -68.1280

■ 165.2350,
-37.0909, -50.1951

■ 141.9070,
-56.6492, -77.0944

■ 173.0110,
-30.5714, -41.2286

■ 134.4300,
-63.3160, -85.4461

■ 180.4880,
-23.9046, -32.8770

■ 131.9520,
-65.0523, -88.5349

■ 188.2640,
-17.3852, -23.9105

■ 196.0400,
-10.8657, -14.9441

■ 203.7020, -4.7831,
-5.8777

■ 211.1790, 1.8838,
2.4740

■ 218.9550, 8.4032,
11.4405

■ 226.5030, 14.0490,
20.6069

Harmonies

Analogous

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



168.0080, -82.8279, 13.1480



157.4590, -43.6103, -59.1615



143.9090, 0.5379, -126.2082

Triad

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



157.4590, -43.6103, -59.1615



148.2310, 52.6371, -129.9986



155.9260, -3.9075, 86.8879

Complementary

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



157.4590, -43.6103, -59.1615



120.5410, 43.6103, 59.1615

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.



167.5250, 27.8422, 76.7156



157.4590, -43.6103, -59.1615



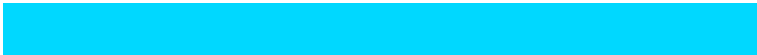
163.7440, 44.9892, -56.7805

Square

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



157.4590, -43.6103, -59.1615



155.8620, 48.8750, -136.6910



185.3470, 34.3389, 46.1767



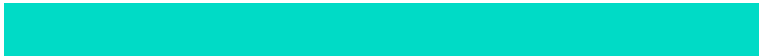
164.2680, -43.0231, 79.5720

Rectangle

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



157.4590, -43.6103, -59.1615



151.1250, 23.1094, -132.5366



185.3470, 34.3389, 46.1767



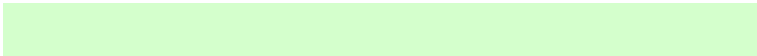
157.0150, 7.8806, 85.9328

Sweetspot

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



157.4590, -43.6103, -59.1615



236.3290, -15.9382, -21.3365



180.7130, -55.0745, 24.8077



116.3930, -9.5607, -13.4997



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.



157.4590, -43.6103, -59.1615



180.0170, -63.6054, -85.9609



156.7660, -19.1116, -76.9708



101.0550, -3.4781, -4.4332



106.0910, -52.3029, -71.1168



25.8610, -12.7495, -17.4181

Inverse Universe

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



120.5410, 43.6103, 59.1615



125.9830, 63.6054, 85.9609



121.2340, 19.1116, 76.9708



97.9450, 3.4781, 4.4332



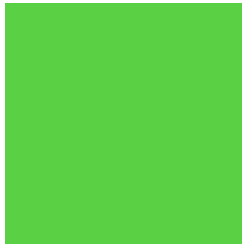
61.9090, 52.3029, 71.1168



15.1390, 12.7495, 17.4181

Previews

White Background



This preview shows how the YUV color 157.4590, -43.6103, -59.1615 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 157.4590, -43.6103, -59.1615 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 157.4590, -43.6103, -59.1615 Background



This preview shows how black text looks on a background with the YUV color 157.4590, -43.6103, -59.1615.



This preview shows how white text looks on a background with the YUV color 157.4590, -43.6103, -59.1615.

-59.1615.

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

157.4590, -43.6103, -59.1615

Protanopia

175.7840, -56.0955, 25.6224

Deuteranopia

179.1310, -48.8716, 41.9811



Tritanopia

174.3990, 18.0443, -47.7079

Trichromacy



Original Color

157.4590, -43.6103, -59.1615



Protanomaly

168.8510, -51.1985, -5.1313



Deuteranomaly

171.3560, -47.0105, 4.9498



Tritanomaly

168.1170, -4.4947, -51.8456

Monochromacy



Original Color

157.4590, -43.6103, -59.1615



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.3290, -15.9382, -21.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4590, -43.6103, -59.1615 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(90, 209, 69)` looks like.

```
.text, #text, p{  
    color:rgb(90, 209, 69)  
}
```

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(90, 209, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 209, 69) }
```

Border

The CSS property to change the border of an element to YUV 157.4590, -43.6103, -59.1615 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(90, 209, 69) }
```


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

```
.border{ border-color:rgb(90, 209, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 209, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 209, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 209, 69);  
box-shadow:4px 4px 4px 4px rgb(90, 209,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 157.4590, -43.6103, -59.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 209, 69) }
```

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

```
.background{ background-color: rgb(90, 209,  
69) }
```

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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