

Converting Colors

YUV(156.0400, -41.4317,
-57.9171)

Have a look what the booklet for
YUV(156.0400, -41.4317, -57.9171)
contains.

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Color

**YUV(156.0400, -41.4317,
-57.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	5ACE48
RGB	90, 206, 72
RGB Percent	35%, 81%, 28%
CMY	0.6471, 0.1922, 0.7176
CMYK	0.56, 0.00, 0.65, 0.19
HSL	112°, 58%, 55%
HSV	112°, 65%, 81%
XYZ	27.4575, 46.7842, 13.7140
YIQ	156.0400, -26.1220, -66.2660

Conversions

Conversions Part 2

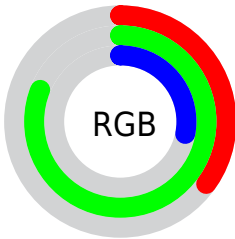
Format	Color
RYB	72, 206, 188
Decimal	5951048
CIELab	74.05, -57.62, 55.01
CIELCh	74, 79.664, 136.330
Yxy	46.7842, 0.3122, 0.5319
Android (android.graphics.Color)	4284141128 (0xFF5ACE48)
YUV	156.0400, -41.4317, -57.9171
Hunter-Lab	68.3989, -48.0427, 35.9916

Details

The YUV color **156.0400, -41.4317, -57.9171** 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 **121.9600, 41.4317, 57.9171**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8990, -40.8692, -51.6544**, and **90.9300, -41.3775, -75.3606** is the 20% darker color. If you saturate the color by 10%, you get **148.2640, -47.9512, -66.8835**, and if you desaturate by 10%, it is **163.8160, -34.9123, -48.9506**.

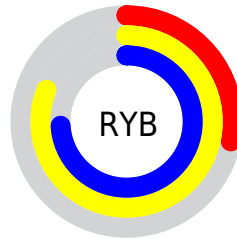
Distribution



Red (35%)

Green (81%)

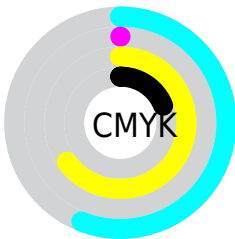
Blue (28%)



Red (28%)

Yellow (81%)

Blue (74%)

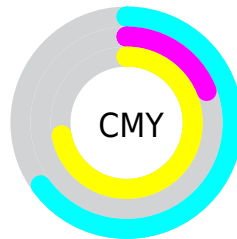


Cyan (56%)

Magenta (0%)

Yellow (65%)

Black (19%)



Cyan (65%)

Magenta (19%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.0400, -41.4317, -57.9171 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 156.0400, -41.4317, -57.9171 by changing the saturation by 10% instead.

■ 156.0400,
-41.4317, -57.9171

■ 156.0400,
-41.4317, -57.9171

■ 255.0000, 0.0000,
0.0000

■ 126.5450,
-40.6947, -60.9910

■ 208.8990,
-40.8692, -51.6544

■ 90.9300, -41.3775,
-75.3606

■ 220.9470,
-33.4979, -35.9105

■ 72.7880, -35.8845,
-63.8351

■ 232.8100,
-25.5423, -20.8814

■ 57.5260, -28.3603,
-50.4503

■ 245.0860,
-17.2974, -5.3374

■ 42.8510, -21.1255,
-37.5803

■ 253.1760, -6.9888,
1.5996

■ 29.3500, -14.4695,
-25.7399

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 156.0400,
-41.4317, -57.9171

■ 156.0400,
-41.4317, -57.9171

■ 148.2640,
-47.9512, -66.8835

■ 163.8160,
-34.9123, -48.9506

■ 140.6020,
-54.0338, -75.9500

■ 171.4780,
-28.8297, -39.8842

■ 133.1250,
-60.7006, -84.3016

■ 178.9550,
-22.1628, -31.5325

■ 129.2940,
-63.7419, -88.8348

■ 186.6170,
-16.0802, -22.4661

■ 194.3930, -9.5607,
-13.4997

■ 202.1690, -3.0413,
-4.5332

■ 209.8310, 3.0413,
4.5332

■ 217.6070, 9.5607,
13.4997

■ 224.7420, 14.9172,
22.1513

Harmonies

Analogous

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



165.6380, -81.6595, 11.7185



156.0400, -41.4317, -57.9171



142.1480, 1.4060, -124.6638

Triad

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



156.0400, -41.4317, -57.9171



146.4700, 53.5053, -128.4542



156.7580, -5.7967, 86.1582

Complementary

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



156.0400, -41.4317, -57.9171



121.9600, 41.4317, 57.9171

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.



167.5420, 25.3688, 76.7007



156.0400, -41.4317, -57.9171



164.3640, 44.6835, -52.0622

Square

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



156.0400, -41.4317, -57.9171



153.5140, 50.0326, -134.6318



183.8630, 35.0705, 44.8471



164.3820, -42.5863, 79.4720

Rectangle

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



156.0400, -41.4317, -57.9171



149.1360, 23.1040, -130.7923



183.8630, 35.0705, 44.8471



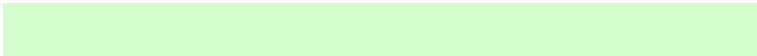
157.8470, 5.9914, 85.2032

Sweetspot

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



156.0400, -41.4317, -57.9171



236.0300, -15.7908, -21.9513



178.9840, -52.7431, 23.6930



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.



156.0400, -41.4317, -57.9171



180.8860, -61.5688, -85.8460



156.0160, -18.2489, -73.6820



98.1690, -3.0413, -4.5332



104.0200, -51.2819, -71.9315



23.8010, -11.7339, -16.4885

Inverse Universe

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



121.9600, 41.4317, 57.9171



130.1140, 61.5688, 85.8460



121.9840, 18.2489, 73.6820



95.8310, 3.0413, 4.5332



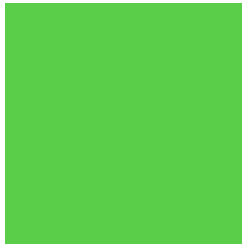
61.6810, 51.4293, 71.3168



14.1990, 11.7339, 16.4885

Previews

White Background



This preview shows how the YUV color 156.0400, -41.4317, -57.9171 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 156.0400, -41.4317, -57.9171 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 156.0400, -41.4317, -57.9171 Background



This preview shows how black text looks on a background with the YUV color 156.0400, -41.4317, -57.9171.



This preview shows how white text looks on a background with the YUV color 156.0400, -41.4317, -57.9171.

-57.9171.

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

156.0400, -41.4317, -57.9171

Protanopia

174.0550, -53.7641, 24.5078

Deuteranopia

177.1030, -46.3928, 40.2517



Tritanopia

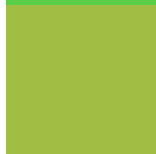
172.5840, 17.4601, -46.9932

Trichromacy



Original Color

156.0400, -41.4317, -57.9171



Protanomaly

167.4210, -49.0146, -5.6312



Deuteranomaly

169.3390, -44.5371, 4.9647



Tritanomaly

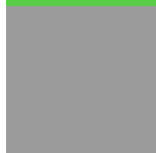
166.6440, -3.7685, -51.4308

Monochromacy



Original Color

156.0400, -41.4317, -57.9171



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

155.8560, -15.2120, -20.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0400, -41.4317, -57.9171 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, 206, 72)` looks like.

```
.text, #text, p{  
    color:rgb(90, 206, 72)  
}
```

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, 206, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 206, 72) }
```

Border

The CSS property to change the border of an element to YUV 156.0400, -41.4317, -57.9171 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, 206, 72) }
```


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

```
.border{ border-color:rgb(90, 206, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 206, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 206, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 206, 72);  
box-shadow:4px 4px 4px 4px rgb(90, 206,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 156.0400, -41.4317, -57.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 206, 72) }
```

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

```
.background{ background-color: rgb(90, 206,  
72) }
```

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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