

Converting Colors

YUV(156.0430, -42.4192,
-21.0857)

Have a look what the booklet for
YUV(156.0430, -42.4192, -21.0857)
contains.

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Color

**YUV(156.0430, -42.4192,
-21.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	84B946
RGB	132, 185, 70
RGB Percent	52%, 73%, 27%
CMY	0.4824, 0.2745, 0.7255
CMYK	0.29, 0.00, 0.62, 0.27
HSL	88°, 45%, 50%
HSV	88°, 62%, 73%
XYZ	27.9702, 40.0457, 12.0498
YIQ	156.0430, 5.3270, -47.0010

Conversions

Conversions Part 2

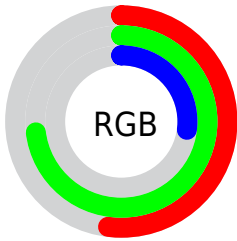
Format	Color
RYB	70, 185, 123
Decimal	8698182
CIELab	69.50, -35.97, 51.40
CIELCh	70, 62.732, 124.986
Yxy	40.0457, 0.3493, 0.5002
Android (android.graphics.Color)	4286888262 (0xFF84B946)
YUV	156.0430, -42.4192, -21.0857
Hunter-Lab	63.2816, -31.8467, 33.0075

Details

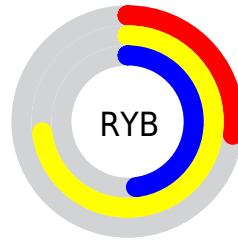
The YUV color **156.0430, -42.4192, -21.0857** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **98.9570, 42.4192, 21.0857**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7010, -43.7296, -20.7858**, and **101.9460, -45.3294, -21.0006** is the 20% darker color. If you saturate the color by 10%, you get **151.3000, -48.9549, -24.8191**, and if you desaturate by 10%, it is **160.9000, -35.4467, -17.4523**.

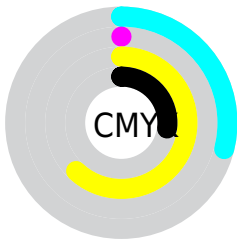
Distribution



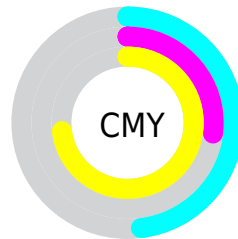
- Red (52%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (48%)



- Cyan (29%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (48%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.0430, -42.4192, -21.0857 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 156.0430, -42.4192, -21.0857 by changing the saturation by 10% instead.

■ 156.0430,
-42.4192, -21.0857

■ 156.0430,
-42.4192, -21.0857

■ 255.0000, 0.0000,
0.0000

■ 129.0430,
-42.4192, -21.0857

■ 211.7010,
-43.7296, -20.7858

■ 101.9460,
-45.3294, -21.0006

■ 231.6680,
-40.2623, -12.8638

■ 77.4710, -38.1932,
-23.2151

■ 243.4170,
-32.7436, 2.2653

■ 54.4240, -26.8310,
-27.5588

■ 249.4140,
-21.4031, 4.8989

■ 34.0460, -16.7847,
-29.8583

■ 252.6060, -9.1728,
2.0995

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 156.0430,
-42.4192, -21.0857

■ 156.0430,
-42.4192, -21.0857

■ 151.3000,
-48.9549, -24.8191

■ 160.9000,
-35.4467, -17.4523

■ 146.7420,
-56.0748, -27.8377

■ 165.3440,
-28.7636, -14.3337

■ 141.8850,
-63.0473, -31.4711

■ 170.2010,
-21.7911, -10.7003

■ 138.4950,
-68.2780, -33.7601

■ 174.6450,
-15.1080, -7.5817

■ 179.5020, -8.1355,
-3.9483

■ 183.9460, -1.4524,
-0.8296

■ 188.8030, 5.5201,
2.8038

■ 193.2470, 12.2032,
5.9224

■ 198.1040, 19.1757,
9.5558

Harmonies

Analogous

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



162.0290, -57.6953, 25.4076



156.0430, -42.4192, -21.0857



135.5170, -8.1429, -95.1694

Triad

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



156.0430, -42.4192, -21.0857



139.4260, 56.9780, -122.2766



163.5060, -0.2495, 80.2402

Complementary

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



156.0430, -42.4192, -21.0857



98.9570, 42.4192, 21.0857

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.



173.0690, 22.6440, 63.9605



156.0430, -42.4192, -21.0857



148.5610, 52.4744, -77.6680

Square

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



156.0430, -42.4192, -21.0857



141.7280, 45.4901, -124.2955



172.7230, 40.5626, 9.8899



163.1060, -27.1673, 80.5910

Rectangle

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



156.0430, -42.4192, -21.0857



133.6510, 12.0041, -117.2119



172.7230, 40.5626, 9.8899



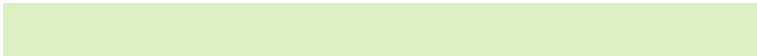
166.2590, 7.7603, 77.8259

Sweetspot

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



156.0430, -42.4192, -21.0857



228.4770, -16.9972, -8.3113



134.9090, -32.0001, 43.9298



112.9210, -10.3141, -5.1927



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.0430, -42.4192, -21.0857



194.6630, -66.3889, -33.0305



139.2990, -34.1644, -55.5132



89.7780, -3.3416, -1.5593



116.6880, -57.5272, -28.6674



20.9210, -10.3141, -5.1927

Inverse Universe

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



98.9570, 42.4192, 21.0857



105.3370, 66.3889, 33.0305



115.7010, 34.1644, 55.5132



85.2220, 3.3416, 1.5593



39.3120, 57.5272, 28.6674



7.0790, 10.3141, 5.1927

Previews

White Background



This preview shows how the YUV color 156.0430, -42.4192, -21.0857 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 156.0430, -42.4192, -21.0857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

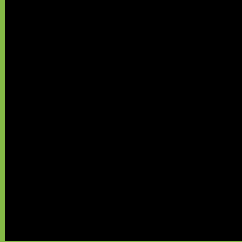
Any Text WCAG AA ✓ Pass

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 156.0430, -42.4192, -21.0857 Background



This preview shows how black text looks on a background with the YUV color 156.0430, -42.4192, -21.0857.



This preview shows how white text looks on a background with the YUV color 156.0430, -42.4192, -21.0857.

-21.0857.

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

156.0430, -42.4192, -21.0857

Protanopia

163.2380, -47.9383, 22.5933

Deuteranopia

165.7760, -43.7666, 37.9074



Tritanopia

167.1210, 9.8003, -16.7691

Trichromacy



Original Color

156.0430, -42.4192, -21.0857

Protanomaly

160.5950, -46.1423, 6.4942

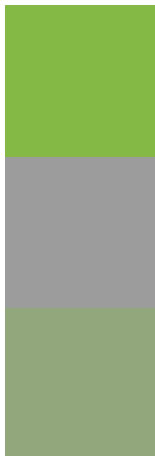
Deuteranomaly

162.3450, -43.5541, 16.3604

Tritanomaly

162.7730, -9.2551, -18.2179

Monochromacy



Original Color

156.0430, -42.4192, -21.0857

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2320, -15.3974, -8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.0430, -42.4192, -21.0857 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(132, 185, 70)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 70)  
}
```

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(132, 185, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 70) }
```

Border

The CSS property to change the border of an element to YUV 156.0430, -42.4192, -21.0857 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(132, 185, 70) }
```


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

```
.border{ border-color:rgb(132, 185, 70) }
```

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

Here you see how a box with a 4 pixel rgb(132, 185, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 70);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 156.0430, -42.4192, -21.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 70) }
```

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

```
.background{ background-color: rgb(132,  
185, 70) }
```

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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