

Converting Colors

YUV(156.6470, -41.7310,
-8.4604)

Have a look what the booklet for
YUV(156.6470, -41.7310, -8.4604)
contains.

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Color

**YUV(156.6470, -41.7310,
-8.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	93B248
RGB	147, 178, 72
RGB Percent	58%, 70%, 28%
CMY	0.4235, 0.3020, 0.7176
CMYK	0.17, 0.00, 0.60, 0.30
HSL	78°, 42%, 49%
HSV	78°, 60%, 70%
XYZ	29.1227, 38.5117, 12.0295
YIQ	156.6470, 15.5500, -39.5380

Conversions

Conversions Part 2

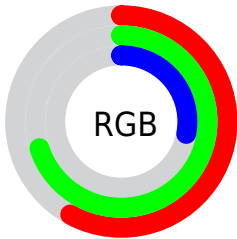
Format	Color
RYB	72, 178, 103
Decimal	9679432
CIELab	68.40, -26.70, 49.54
CIELCh	68, 56.277, 118.317
Yxy	38.5117, 0.3656, 0.4834
Android (android.graphics.Color)	4287869512 (0xFF93B248)
YUV	156.6470, -41.7310, -8.4604
Hunter-Lab	62.0578, -24.8340, 31.9475

Details

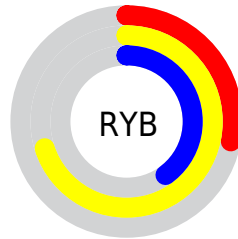
The YUV color **156.6470, -41.7310, -8.4604** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **93.3530, 41.7310, 8.4604**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1910, -43.4782, -8.0605**, and **103.0060, -42.8940, -8.7753** is the 20% darker color. If you saturate the color by 10%, you get **153.1000, -48.8563, -9.7347**, and if you desaturate by 10%, it is **160.1940, -34.6056, -7.1861**.

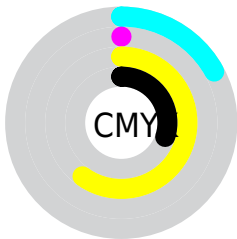
Distribution



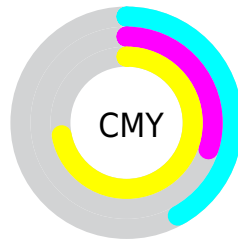
- Red (58%)
- Green (70%)
- Blue (28%)



- Red (28%)
- Yellow (70%)
- Blue (40%)



- Cyan (17%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6470, -41.7310, -8.4604 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 156.6470, -41.7310, -8.4604 by changing the saturation by 10% instead.

■ 156.6470,
-41.7310, -8.4604

■ 156.6470,
-41.7310, -8.4604

■ 255.0000, 0.0000,
0.0000

■ 129.7610,
-41.2942, -8.5604

■ 212.1910,
-43.4782, -8.0605

■ 103.0060,
-42.8940, -8.7753

■ 236.2670,
-42.0366, -3.7422

■ 78.7330, -38.8154,
-10.2898

■ 246.3360,
-33.1966, 7.5983

■ 57.4690, -28.3322,
-12.6893

■ 249.5280,
-20.9663, 4.7989

■ 34.9980, -17.2540,
-19.2922

■ 252.8340, -8.2992,
1.8996

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 156.6470,
-41.7310, -8.4604

■ 156.6470,
-41.7310, -8.4604

■ 153.1000,
-48.8563, -9.7347

■ 160.1940,
-34.6056, -7.1861

■ 149.5530,
-55.9816, -11.0090

■ 163.7410,
-27.4803, -5.9119

■ 145.8210,
-62.5228, -12.9980

■ 167.4730,
-20.9392, -3.9228

■ 142.2740,
-69.6481, -14.2723

■ 171.0200,
-13.8139, -2.6485

■ 142.1600,
-70.0849, -14.1723

■ 174.5670, -6.6885,
-1.3743

■ 178.1140, 0.4368,
-0.1000

■ 181.6610, 7.5621,
1.1743

■ 185.3930, 14.1033,
3.1633

■ 188.9400, 21.2286,
4.4376

Harmonies

Analogous

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



161.6090, -50.5862, 31.9149



156.6470, -41.7310, -8.4604



146.0440, -17.2767, -58.7976

Triad

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



156.6470, -41.7310, -8.4604



138.0240, 56.6832, -121.0470



167.4670, 2.2348, 76.7664

Complementary

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



156.6470, -41.7310, -8.4604



93.3530, 41.7310, 8.4604

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.



171.4260, 24.4400, 47.8614



156.6470, -41.7310, -8.4604



142.2820, 55.5700, -90.5783

Square

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



156.6470, -41.7310, -8.4604



136.5130, 38.2011, -119.7219



169.0910, 42.3531, -4.4648



164.5880, -21.4889, 79.2913

Rectangle

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



156.6470, -41.7310, -8.4604



128.5330, 7.6252, -112.7234



169.0910, 42.3531, -4.4648



169.0840, 9.8186, 70.9633

Sweetspot

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



156.6470, -41.7310, -8.4604



223.6240, -16.5766, -3.1782



121.3040, -24.3069, 49.7224



111.9430, -10.3249, -1.7040



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



156.6470, -41.7310, -8.4604



198.8380, -64.9961, -13.0129



141.0990, -34.0658, -40.4288



87.3760, -3.6364, -0.3298



122.1030, -60.1968, -12.3683



20.6440, -10.1775, -2.3188

Inverse Universe

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



93.3530, 41.7310, 8.4604



100.1620, 64.9961, 13.0129



108.9010, 34.0658, 40.4288



81.9230, 3.4890, 0.9445



30.8970, 60.1968, 12.3683



5.0570, 10.3249, 1.7040

Previews

White Background



This preview shows how the YUV color 156.6470, -41.7310, -8.4604 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 156.6470, -41.7310, -8.4604 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 156.6470, -41.7310, -8.4604 Background



This preview shows how black text looks on a background with the YUV color 156.6470, -41.7310, -8.4604.



This preview shows how white text looks on a background with the YUV color 156.6470, -41.7310, -8.4604.

-8.4604.

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

156.6470, -41.7310, -8.4604

Protanopia

161.2100, -45.4595, 20.8638

Deuteranopia

162.9330, -41.8720, 36.8928



Tritanopia

166.3890, 6.7102, -5.6032

Trichromacy



Original Color

156.6470, -41.7310, -8.4604

Protanomaly

159.4860, -44.1166, 10.0978

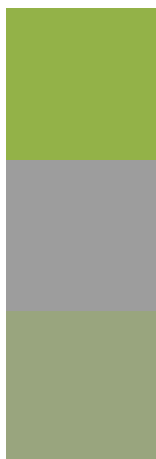
Deuteranomaly

160.5350, -41.6758, 20.5788

Tritanomaly

162.7960, -10.7454, -6.8371

Monochromacy



Original Color

156.6470, -41.7310, -8.4604

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9660, -15.2662, -3.4782

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6470, -41.7310, -8.4604 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(147, 178, 72)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 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(147, 178, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 72) }
```

Border

The CSS property to change the border of an element to YUV 156.6470, -41.7310, -8.4604 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(147, 178, 72) }
```


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

```
.border{ border-color:rgb(147, 178, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 178, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 72);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 156.6470, -41.7310, -8.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 72) }
```

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

```
.background{ background-color: rgb(147,  
178, 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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