

Converting Colors

YIQ(156.2170, 4.7770, -48.0470)

Have a look what the booklet for
YIQ(156.2170, 4.7770, -48.0470)
contains.

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Color

**YIQ(156.2170, 4.7770,
-48.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	83BA45
RGB	131, 186, 69
RGB Percent	51%, 73%, 27%
CMY	0.4865, 0.2705, 0.7293
CMYK	0.30, 0.00, 0.63, 0.27
HSL	88°, 46%, 50%
HSV	88°, 63%, 73%
XYZ	27.9908, 40.3786, 11.9534
YIQ	156.2170, 4.7770, -48.0470

Conversions

Conversions Part 2

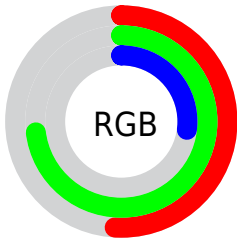
Format	Color
RYB	69, 186, 124
Decimal	8632901
CIELab	69.74, -36.91, 52.06
CIELCh	70, 63.814, 125.333
Yxy	40.3786, 0.3485, 0.5027
Android (android.graphics.Color)	4286822981 (0xFF83BA45)
YUV	156.2170, -42.9980, -22.1153
Hunter-Lab	63.5441, -32.5742, 33.3278

Details

The YIQ color **156.2170, 4.7770, -48.0470** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **98.7830, -4.7770, 48.0470**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.8750, 5.7400, -48.9800**, and **101.4190, 7.0240, -50.2240** is the 20% darker color. If you saturate the color by 10%, you get **151.3600, 5.5120, -55.8640**, and if you desaturate by 10%, it is **161.0740, 4.0420, -40.2300**.

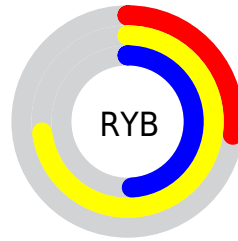
Distribution



Red (51%)

Green (73%)

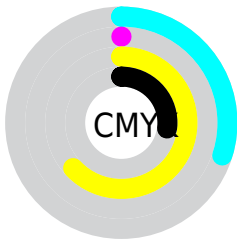
Blue (27%)



Red (27%)

Yellow (73%)

Blue (49%)

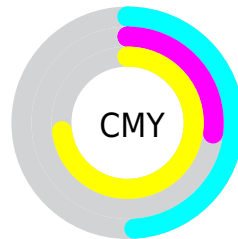


Cyan (30%)

Magenta (0%)

Yellow (63%)

Black (27%)



Cyan (49%)


Magenta (27%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.2170, 4.7770, -48.0470 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 YIQ color 156.2170, 4.7770, -48.0470 by changing the saturation by 10% instead.


 156.2170, 4.7770,
-48.0470


 156.2170, 4.7770,
-48.0470


255.0000, -0.0000,
-0.0000


 129.2170, 4.7770,
-48.0470


 211.8750, 5.7400,
-48.9800


 101.4190, 7.0240,
-50.2240


 231.2550, 10.7820,
-41.2340


 77.4600, -0.2210,
-45.5730


 243.1180, 19.0780,
-26.3780

 54.1140, -10.6300,
-38.6460

 249.3000, 16.0500,
-15.5500

 34.0460, -15.9500,
-30.3340

 252.6060, 6.7410,
-6.5310

 22.3060, -10.4500,
-19.8740

 0.0000, 0.0000,

0.0000

■ 156.2170, 4.7770,
-48.0470

■ 156.2170, 4.7770,
-48.0470

■ 151.3600, 5.5120,
-55.8640

■ 161.0740, 4.0420,
-40.2300

■ 146.6170, 5.9260,
-63.3700

■ 165.5180, 3.0320,
-32.9360

■ 142.0590, 7.2570,
-70.9750

■ 170.3750, 2.2970,
-25.1190

■ 138.4840, 7.2580,
-76.5020

■ 175.1180, 1.8830,
-17.6130

■ 179.9750, 1.1480,
-9.7960

■ 184.5330, -0.1830,
-2.1910

■ 189.2760, -0.5970,
5.3150

■ 194.1330, -1.3320,
13.1320

■ 198.8760, -1.7460,
20.6380

Harmonies

Analogous

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



162.3880, 53.0080, -35.5680



156.2170, 4.7770, -48.0470



131.7330, -84.9930, -62.1210

Triad

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



156.2170, 4.7770, -48.0470



140.0130, -133.8300, -19.5420



162.8050, 68.0780, 43.7740

Complementary

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



156.2170, 4.7770, -48.0470



98.7830, -4.7770, 48.0470

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.



174.0800, 42.8590, 54.7870



156.2170, 4.7770, -48.0470



148.8490, -94.5410, 0.8110

Square

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



156.2170, 4.7770, -48.0470



142.5430, -129.9310, -29.6350



173.3210, -12.5240, 39.7640



162.9920, 82.7080, 20.9160

Rectangle

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



156.2170, 4.7770, -48.0470



134.3520, -105.4890, -54.1050



173.3210, -12.5240, 39.7640



165.6720, 61.3830, 49.4710

Sweetspot

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



156.2170, 4.7770, -48.0470



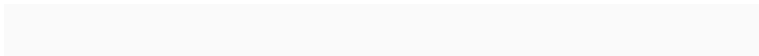
230.4770, 2.2500, -18.7580



136.2680, 54.6070, -3.9610



114.9210, 1.2400, -11.4640



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



156.2170, 4.7770, -48.0470



195.9510, 7.4410, -74.3110



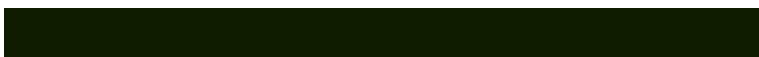
138.8750, -29.7910, -60.3430



89.4790, -0.0910, -3.8590



116.0900, 5.9720, -64.2040



20.9210, 1.2400, -11.4640

Inverse Universe

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



98.7830, -4.7770, 48.0470



107.0490, -7.4410, 74.3110



116.1250, 29.7910, 60.3430



85.2220, -0.5050, 3.6470



39.6110, -6.5680, 63.9920



7.0790, -1.2400, 11.4640

Previews

White Background



This preview shows how the YIQ color 156.2170, 4.7770, -48.0470 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 YIQ color 156.2170, 4.7770, -48.0470 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](#).

YIQ 156.2170, 4.7770, -48.0470

Background



This preview shows how black text looks on a background with the YIQ color 156.2170, 4.7770, -48.0470.



This preview shows how white text looks on a background with the YIQ color 156.2170, 4.7770, -48.0470.

-48.0470.

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

156.2170, 4.7770, -48.0470

Protanopia

163.5970, 45.3500, -28.9380

Deuteranopia

166.0750, 56.1680, -15.7360



Tritanopia

167.5230, -20.5860, -1.3700

Trichromacy



Original Color

156.2170, 4.7770, -48.0470

Protanomaly

161.0680, 30.5420, -35.9060

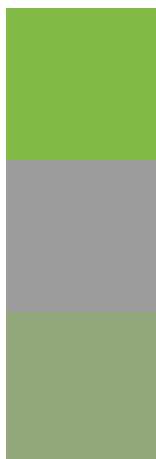
Deuteranomaly

162.3450, 37.3720, -27.5240

Tritanomaly

163.1750, -11.4590, -18.1070

Monochromacy



Original Color

156.2170, 4.7770, -48.0470

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.1180, 1.8830, -17.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2170, 4.7770, -48.0470 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(131, 186, 69)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 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(131, 186, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 69) }
```

Border

The CSS property to change the border of an element to YIQ 156.2170, 4.7770, -48.0470 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(131, 186, 69) }
```


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

```
.border{ border-color:rgb(131, 186, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 186, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 69);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2170, 4.7770, -48.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 186, 69) }
```

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

```
.background{ background-color: rgb(131,  
186, 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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