

Converting Colors

YIQ(155.8150, 5.9690, -47.6230)

Have a look what the booklet for
YIQ(155.8150, 5.9690, -47.6230)
contains.

YIQ(155.8150, 5.9690, -47.6230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(155.8150, 5.9690,
-47.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	84B944
RGB	132, 185, 68
RGB Percent	52%, 73%, 27%
CMY	0.4826, 0.2744, 0.7332
CMYK	0.29, 0.00, 0.63, 0.27
HSL	87°, 46%, 50%
HSV	87°, 63%, 73%
XYZ	27.9056, 40.0263, 11.7286
YIQ	155.8150, 5.9690, -47.6230

Conversions

Conversions Part 2

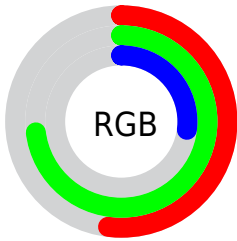
Format	Color
RYB	68, 185, 121
Decimal	8698180
CIELab	69.49, -36.17, 52.23
CIElCh	69, 63.531, 124.698
Yxy	40.0263, 0.3503, 0.5025
Android (android.graphics.Color)	4286888260 (0xFF84B944)
YUV	155.8150, -43.2928, -20.8858
Hunter-Lab	63.2663, -31.9830, 33.2950

Details

The YIQ color **155.8150, 5.9690, -47.6230** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **97.1850, -5.9690, 47.6230**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.4730, 6.9320, -48.5560**, and **101.4900, 8.2620, -50.6340** is the 20% darker color. If you saturate the color by 10%, you get **151.3710, 6.9790, -54.9170**, and if you desaturate by 10%, it is **160.3730, 4.6380, -40.0180**.

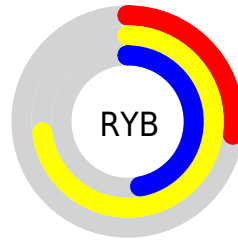
Distribution



Red (52%)

Green (73%)

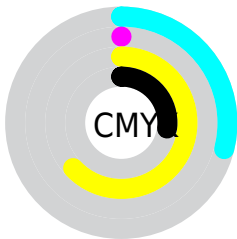
Blue (27%)



Red (27%)

Yellow (73%)

Blue (47%)

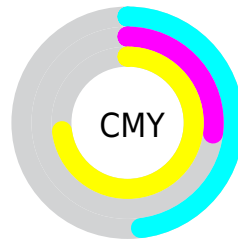


Cyan (29%)

Magenta (0%)

Yellow (63%)

Black (27%)



Cyan (48%)


Magenta (27%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.8150, 5.9690, -47.6230 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 155.8150, 5.9690, -47.6230 by changing the saturation by 10% instead.

 155.8150, 5.9690,
-47.6230

 155.8150, 5.9690,
-47.6230


255.0000, -0.0000,
-0.0000


 128.8150, 5.9690,
-47.6230


 211.4730, 6.9320,
-48.5560


 101.4900, 8.2620,
-50.6340


 231.4400, 11.6990,
-41.3330


 77.1720, 0.6500,
-44.8380


 243.3030, 19.9950,
-26.4770

 54.1250, -9.1630,
-37.6990

 249.1860, 16.3710,
-15.8610

 34.0460, -15.9500,
-30.3340

 252.4920, 7.0620,
-6.8420

 21.7190, -10.1750,
-19.3510

 0.0000, 0.0000,

0.0000

■ 155.8150, 5.9690,
-47.6230

■ 155.8150, 5.9690,
-47.6230

■ 151.3710, 6.9790,
-54.9170

■ 160.3730, 4.6380,
-40.0180

■ 146.5140, 7.7140,
-62.7340

■ 165.1160, 4.2240,
-32.5120

■ 142.0700, 8.7240,
-70.0280

■ 169.6740, 2.8930,
-24.9070

■ 138.7940, 9.3210,
-75.3430

■ 174.4170, 2.4790,
-17.4010

■ 178.9750, 1.1480,
-9.7960

■ 183.4190, 0.1380,
-2.5020

■ 188.2760, -0.5970,
5.3150

■ 192.7200, -1.6070,
12.6090

■ 197.2780, -2.9380,
20.2140

Harmonies

Analogous

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



162.1000, 53.8790, -34.8330



155.8150, 5.9690, -47.6230



133.9080, -78.1160, -60.1000

Triad

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



155.8150, 5.9690, -47.6230



140.0130, -133.8300, -19.5420



162.9190, 67.7570, 44.0850

Complementary

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



155.8150, 5.9690, -47.6230



97.1850, -5.9690, 47.6230

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.



173.4820, 41.6670, 54.3630



155.8150, 5.9690, -47.6230



146.4680, -97.8420, 0.0620

Square

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



155.8150, 5.9690, -47.6230



141.7280, -129.0140, -29.7340



172.7230, -13.7160, 39.3400



162.4050, 82.9830, 21.4390

Rectangle

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



155.8150, 5.9690, -47.6230



133.5370, -104.5720, -54.2040



172.7230, -13.7160, 39.3400



165.6720, 61.3830, 49.4710

Sweetspot

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



155.8150, 5.9690, -47.6230



228.4770, 2.2500, -18.7580



134.0940, 55.1570, -2.9150



112.9210, 1.2400, -11.4640



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.



155.8150, 5.9690, -47.6230



194.4350, 8.9540, -74.1980



138.4730, -28.5990, -59.9190



89.7780, 0.5050, -3.6470



116.9870, 7.7600, -63.5680



20.9210, 1.2400, -11.4640

Inverse Universe

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



97.1850, -5.9690, 47.6230



103.2660, -9.5500, 73.9860



114.5270, 28.5990, 59.9190



85.2220, -0.5050, 3.6470



39.0130, -7.7600, 63.5680



7.0790, -1.2400, 11.4640

Previews

White Background



This preview shows how the YIQ color 155.8150, 5.9690, -47.6230 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 155.8150, 5.9690, -47.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

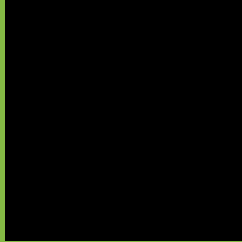
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 155.8150, 5.9690, -47.6230

Background



This preview shows how black text looks on a background with the YIQ color 155.8150, 5.9690, -47.6230.



This preview shows how white text looks on a background with the YIQ color 155.8150, 5.9690, -47.6230.

-47.6230.

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

155.8150, 5.9690, -47.6230

Protanopia

163.0100, 45.6250, -28.4150

Deuteranopia

165.5480, 56.2140, -16.5700



Tritanopia

167.1210, -19.3940, -0.9460

Trichromacy



Original Color

155.8150, 5.9690, -47.6230

Protanomaly

160.3670, 31.1380, -35.6940

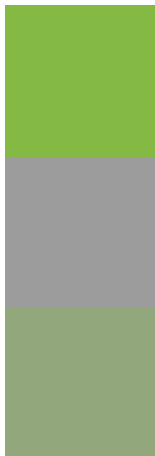
Deuteranomaly

162.1170, 38.0140, -28.1460

Tritanomaly

162.7730, -10.2670, -17.6830

Monochromacy



Original Color

155.8150, 5.9690, -47.6230

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 155.8150, 5.9690, -47.6230 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 68) }
```

Border

The CSS property to change the border of an element to YIQ 155.8150, 5.9690, -47.6230 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, 68) }
```


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

```
.border{ border-color:rgb(132, 185, 68) }
```

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, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 68);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 155.8150, 5.9690, -47.6230 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, 68) }
```

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

```
.background{ background-color: rgb(132,  
185, 68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor