

Converting Colors

YIQ(163.0070, -3.0190,
-38.9150)

Have a look what the booklet for
YIQ(163.0070, -3.0190, -38.9150)
contains.

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Color

**YIQ(163.0070, -3.0190,
-38.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	88BD64
RGB	136, 189, 100
RGB Percent	53%, 74%, 39%
CMY	0.4668, 0.2587, 0.6078
CMYK	0.28, 0.00, 0.47, 0.26
HSL	96°, 40%, 57%
HSV	96°, 47%, 74%
XYZ	30.6491, 42.5554, 18.6589
YIQ	163.0070, -3.0190, -38.9150

Conversions

Conversions Part 2

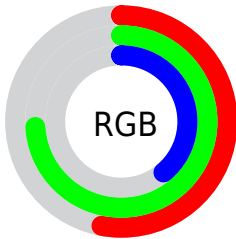
Format	Color
RYB	100, 189, 153
Decimal	8961380
CIELab	71.25, -33.22, 39.35
CIELCh	71, 51.492, 130.172
Yxy	42.5554, 0.3336, 0.4632
Android (android.graphics.Color)	4287151460 (0xFF88BD64)
YUV	163.0070, -31.0625, -23.6851
Hunter-Lab	65.2345, -30.2958, 28.7055

Details

The YIQ color **163.0070, -3.0190, -38.9150** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **125.9930, 3.0190, 38.9150**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8390, -2.6060, -40.8940**, and **109.7620, -3.7070, -37.4590** is the 20% darker color. If you saturate the color by 10%, you get **157.5520, -3.4760, -47.1560**, and if you desaturate by 10%, it is **168.4620, -2.5620, -30.6740**.

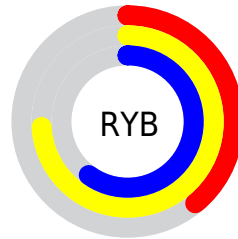
Distribution



Red (53%)

Green (74%)

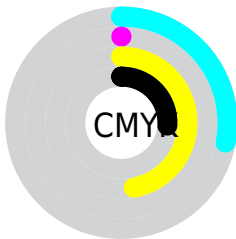
Blue (39%)



Red (39%)

Yellow (74%)

Blue (60%)

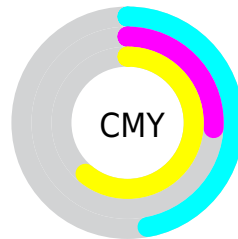


Cyan (28%)

Magenta (0%)

Yellow (47%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.0070, -3.0190, -38.9150 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 163.0070, -3.0190, -38.9150 by changing the saturation by 10% instead.

■ 163.0070, -3.0190,
-38.9150

■ 163.0070, -3.0190,
-38.9150

■ 255.0000, -0.0000,
-0.0000

■ 136.2350, -3.6610,
-38.2930

■ 218.8390, -2.6060,
-40.8940

■ 109.7620, -3.7070,
-37.4590

■ 235.9850, 3.2150,
-30.7450

■ 84.4630, -4.3030,
-37.6710

■ 247.8480, 11.5110,
-15.8890

■ 58.8650, -5.4950,
-38.0950

■ 252.8340, 6.0990,
-5.9090

■ 35.8070, -16.7750,
-31.9030

■ 22.8930, -10.7250,
-20.3970

■ 5.2830, -2.4750,

-4.7070

0.0000, 0.0000,
0.0000

163.0070, -3.0190,
-38.9150

163.0070, -3.0190,
-38.9150

157.5520, -3.4760,
-47.1560

168.4620, -2.5620,
-30.6740

151.7980, -4.5290,
-55.6090

173.9170, -2.1050,
-22.4330

146.3430, -4.9860,
-63.8500

179.6710, -1.0520,
-13.9800


140.8880, -5.4430,
-72.0910


185.1260, -0.5950,
-5.7390


135.5470, -6.2210,
-80.0210

190.5810, -0.1380,
2.5020

 133.6670, -6.6790,
-82.7350

 196.2210, 1.2360,
10.6440

 201.6760, 1.6930,
18.8850

 207.1310, 2.1500,
27.1260

 210.8760, 7.4220,
30.7020

Harmonies

Analogous

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



168.7040, 37.7390, -28.6690



163.0070, -3.0190, -38.9150



150.5610, -60.4210, -44.8770

Triad

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



163.0070, -3.0190, -38.9150



139.4260, -133.5550, -19.0190



173.7300, 63.4950, 33.2150

Complementary

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



163.0070, -3.0190, -38.9150



125.9930, 3.0190, 38.9150

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.



179.0330, 41.0730, 43.0970



163.0070, -3.0190, -38.9150



168.2840, -55.8010, 14.5910

Square

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



163.0070, -3.0190, -38.9150



141.7280, -129.0140, -29.7340



179.1170, -3.2620, 37.1060



173.9970, 75.1440, 14.8240

Rectangle

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



163.0070, -3.0190, -38.9150



135.9480, -109.9830, -49.7510



179.1170, -3.2620, 37.1060



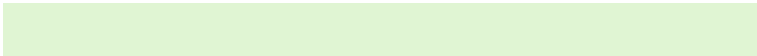
175.5540, 58.3590, 38.1910

Sweetspot

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



163.0070, -3.0190, -38.9150



234.8450, -1.6020, -15.0260



157.1350, 38.7440, -8.3280



116.1320, -0.7320, -8.7640



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.



163.0070, -3.0190, -38.9150



204.2230, -4.5280, -61.1360



153.0410, -26.7220, -44.3700



91.4790, -0.0910, -3.8590



111.8820, -5.3060, -69.0660



21.7850, -1.3730, -13.6690

Inverse Universe

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



125.9930, 3.0190, 38.9150



145.7770, 4.5280, 61.1360



135.9590, 26.7220, 44.3700



87.8200, 0.6870, 4.0710



46.1180, 5.3060, 69.0660



8.9160, 0.7770, 13.4570

Previews

White Background



This preview shows how the YIQ color 163.0070, -3.0190, -38.9150 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 163.0070, -3.0190, -38.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

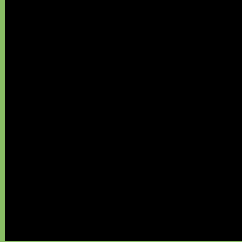
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.0070, -3.0190, -38.9150

Background



This preview shows how black text looks on a background with the YIQ color 163.0070, -3.0190, -38.9150.



This preview shows how white text looks on a background with the YIQ color 163.0070, -3.0190,

-38.9150.

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

163.0070, -3.0190, -38.9150

Protanopia

170.0770, 35.4910, -20.9650

Deuteranopia

172.6150, 46.0800, -9.1200



Tritanopia

171.9250, -21.7780, -1.7940

Trichromacy



Original Color

163.0070, -3.0190, -38.9150

Protanomaly

167.2600, 21.5540, -27.1980

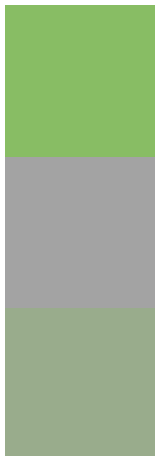
Deuteranomaly

169.0100, 28.4300, -19.6500

Tritanomaly

168.9020, -14.9440, -15.5200

Monochromacy



Original Color

163.0070, -3.0190, -38.9150

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.6710, -1.0520, -13.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0070, -3.0190, -38.9150 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(136, 189, 100)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 100)  
}
```

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(136, 189, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 100) }
```

Border

The CSS property to change the border of an element to YIQ 163.0070, -3.0190, -38.9150 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(136, 189, 100) }
```


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

```
.border{ border-color:rgb(136, 189, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 100);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0070, -3.0190, -38.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 100) }
```

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

```
.background{ background-color: rgb(136,  
189, 100) }
```

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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