

Converting Colors

YIQ(152.0930, 1.8900, -56.3020)

Have a look what the booklet for
YIQ(152.0930, 1.8900, -56.3020)
contains.

YIQ(152.0930, 1.8900, -56.3020)	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(152.0930, 1.8900,
-56.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	77BC36
RGB	119, 188, 54
RGB Percent	47%, 74%, 21%
CMY	0.5336, 0.2626, 0.7881
CMYK	0.37, 0.00, 0.71, 0.26
HSL	91°, 55%, 47%
HSV	91°, 71%, 74%
XYZ	26.2549, 40.1628, 9.8619
YIQ	152.0930, 1.8900, -56.3020

Conversions

Conversions Part 2

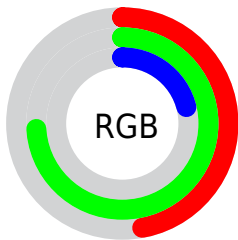
Format	Color
RYB	54, 188, 123
Decimal	7846966
CIELab	69.59, -43.27, 57.74
CIElCh	70, 72.156, 126.846
Yxy	40.1628, 0.3442, 0.5265
Android (android.graphics.Color)	4286037046 (0xFF77BC36)
YUV	152.0930, -48.3598, -29.0226
Hunter-Lab	63.3741, -36.9548, 35.1355

Details

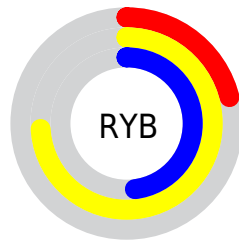
The YIQ color **152.0930, 1.8900, -56.3020** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **89.9070, -1.8900, 56.3020**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.8650, 2.5320, -56.9240**, and **97.4950, 0.6980, -56.7260** is the 20% darker color. If you saturate the color by 10%, you get **146.9370, 2.0290, -64.3310**, and if you desaturate by 10%, it is **157.2490, 1.7510, -48.2730**.

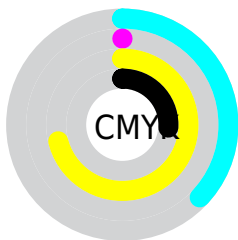
Distribution



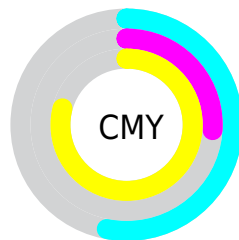
- Red (47%)
- Green (74%)
- Blue (21%)



- Red (21%)
- Yellow (74%)
- Blue (48%)



- Cyan (37%)
- Magenta (0%)
- Yellow (71%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.0930, 1.8900, -56.3020 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 152.0930, 1.8900, -56.3020 by changing the saturation by 10% instead.


 152.0930, 1.8900,
-56.3020


 152.0930, 1.8900,
-56.3020


255.0000, -0.0000,
-0.0000

 124.2240, 2.8990,
-58.0690


 208.8650, 2.5320,
-56.9240


 97.1960, 0.1020,
-56.9380


 226.1850, 7.8030,
-47.8210


 72.6650, -11.2240,
-49.9120


 238.3470, 16.6950,
-32.7530

 48.7210, -22.8250,
-43.4090

 247.8180, 20.2230,
-19.5930

 34.6330, -16.2250,
-30.8570

 251.1240, 10.9140,
-10.5740

 22.8930, -10.7250,
-20.3970

 254.4300, 1.6050,

 0.0000, 0.0000,

-1.5550

0.0000

■ 152.0930, 1.8900,
-56.3020

■ 152.0930, 1.8900,
-56.3020

■ 146.9370, 2.0290,
-64.3310

■ 157.2490, 1.7510,
-48.2730

■ 142.0800, 2.7640,
-72.1480

■ 162.1060, 1.0160,
-40.4560

■ 137.5650, 2.5360,
-79.0320

■ 167.1480, 1.1980,
-32.7380

■ 172.3040, 1.0590,
-24.7090

■ 177.1610, 0.3240,
-16.8920

■ 182.3170, 0.1850,
-8.8630

■ 187.4730, 0.0460,
-0.8340

■ 192.5150, 0.2280,
6.8840

■ 197.3720, -0.5070,
14.7010

Harmonies

Analogous

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



157.5180, 63.7850, -49.1670



152.0930, 1.8900, -56.3020



128.8630, -91.4110, -66.9550

Triad

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



152.0930, 1.8900, -56.3020



140.6000, -134.1050, -20.0650



155.3050, 72.6620, 48.8060

Complementary

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



152.0930, 1.8900, -56.3020



89.9070, -1.8900, 56.3020

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.



170.3460, 48.2220, 62.2220



152.0930, 1.8900, -56.3020



130.6210, -129.4300, -11.1740

Square

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



152.0930, 1.8900, -56.3020



144.9710, -134.0120, -27.2600



171.8810, -8.1690, 43.4390



157.5150, 88.4850, 20.8450

Rectangle

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



152.0930, 1.8900, -56.3020



135.7540, -106.6810, -54.5290



171.8810, -8.1690, 43.4390



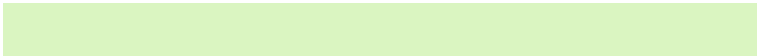
158.4000, 65.3250, 55.1250

Sweetspot

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



152.0930, 1.8900, -56.3020



230.9990, 0.6000, -21.8960



133.3950, 61.4390, -6.6330



114.0950, 0.6900, -12.5100



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.



152.0930, 1.8900, -56.3020



188.3550, 2.7670, -88.7290



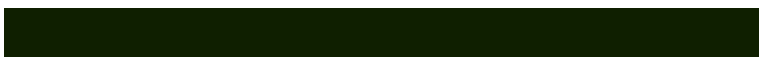
132.6580, -36.8500, -70.0820



91.4790, -0.0910, -3.8590



115.7690, 2.4420, -66.3100



22.6820, 0.4150, -13.0330

Inverse Universe

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



89.9070, -1.8900, 56.3020



90.6450, -2.7670, 88.7290



109.3420, 36.8500, 70.0820



87.5210, 0.0910, 3.8590



42.5300, -1.8460, 66.5220



8.3180, -0.4150, 13.0330

Previews

White Background



This preview shows how the YIQ color 152.0930, 1.8900, -56.3020 looks on a white background.

Color Contrast Check

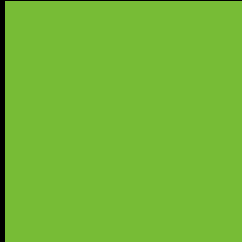
Large Text (above 18pt) WCAG AA × Fail

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 152.0930, 1.8900, -56.3020 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 152.0930, 1.8900, -56.3020

Background



This preview shows how black text looks on a background with the YIQ color 152.0930, 1.8900, -56.3020.



This preview shows how white text looks on a background with the YIQ color 152.0930, 1.8900,

-56.3020.

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

152.0930, 1.8900, -56.3020

Protanopia

161.5990, 51.0360, -32.8680

Deuteranopia

164.8920, 60.9370, -19.5670



Tritanopia

166.2340, -27.1420, -3.7020

Trichromacy



Original Color

152.0930, 1.8900, -56.3020

Protanomaly

158.1620, 32.9730, -41.4190

Deuteranomaly

160.4390, 39.8030, -33.0370

Tritanomaly

160.9030, -16.6850, -22.5170

Monochromacy



Original Color

152.0930, 1.8900, -56.3020

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9390, 0.8290, -20.5390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.0930, 1.8900, -56.3020 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(119, 188, 54)` looks like.

```
.text, #text, p{  
    color:rgb(119, 188, 54)  
}
```

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(119, 188, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 188, 54) }
```

Border

The CSS property to change the border of an element to YIQ 152.0930, 1.8900, -56.3020 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(119, 188, 54) }
```


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

```
.border{ border-color:rgb(119, 188, 54) }
```

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

Here you see how a box with a 4 pixel rgb(119, 188, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 188, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 188, 54);  
box-shadow:4px 4px 4px 4px rgb(119, 188,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 152.0930, 1.8900, -56.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 188, 54) }
```

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

```
.background{ background-color: rgb(119,  
188, 54) }
```

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