

Converting Colors

YIQ(154.9740, 1.7480, -31.6920)

Have a look what the booklet for
YIQ(154.9740, 1.7480, -31.6920)
contains.

YIQ(154.9740, 1.7480, -31.6920)	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(154.9740, 1.7480,
-31.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	89AF63
RGB	137, 175, 99
RGB Percent	54%, 69%, 39%
CMY	0.4629, 0.3136, 0.6117
CMYK	0.22, 0.00, 0.43, 0.31
HSL	90°, 32%, 54%
HSV	90°, 43%, 69%
XYZ	27.8967, 36.8827, 17.4573
YIQ	154.9740, 1.7480, -31.6920

Conversions

Conversions Part 2

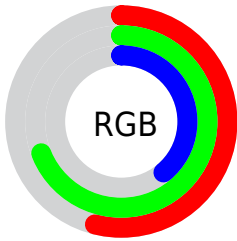
Format	Color
RYB	99, 175, 137
Decimal	9023331
CIELab	67.19, -26.29, 34.78
CIElCh	67, 43.596, 127.087
Yxy	36.8827, 0.3392, 0.4485
Android (android.graphics.Color)	4287213411 (0xFF89AF63)
YUV	154.9740, -27.5952, -15.7632
Hunter-Lab	60.7311, -24.2857, 25.4687

Details

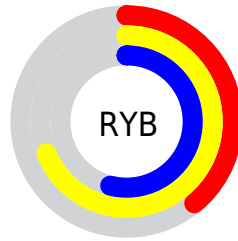
The YIQ color **154.9740, 1.7480, -31.6920** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **119.0260, -1.7480, 31.6920**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2190, 2.4360, -33.1480**, and **102.7290, 1.0600, -30.2360** is the 20% darker color. If you saturate the color by 10%, you get **150.3450, 1.8410, -38.8870**, and if you desaturate by 10%, it is **159.7170, 1.3340, -24.1860**.

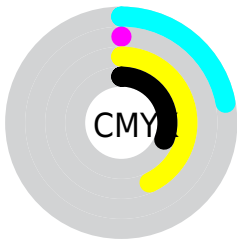
Distribution



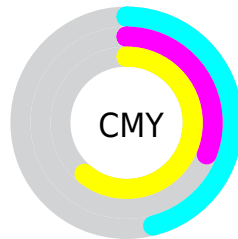
- Red (54%)
- Green (69%)
- Blue (39%)



- Red (39%)
- Yellow (69%)
- Blue (54%)



- Cyan (22%)
- Magenta (0%)
- Yellow (43%)
- Black (31%)



- Cyan (46%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.9740, 1.7480, -31.6920 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 154.9740, 1.7480, -31.6920 by changing the saturation by 10% instead.

■ 154.9740, 1.7480,
-31.6920

■ 154.9740, 1.7480,
-31.6920

■ 255.0000, -0.0000,
-0.0000

■ 128.5010, 1.7020,
-30.8580

■ 210.2190, 2.4360,
-33.1480

■ 102.7290, 1.0600,
-30.2360

■ 235.7570, 3.8570,
-31.3670

■ 77.8430, 0.7390,
-29.9250

■ 247.6200, 12.1530,
-16.5110

■ 53.3160, 0.7850,
-30.7590

■ 252.6060, 6.7410,
-6.5310

■ 32.6390, -7.1940,
-23.8180

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,

0.0000

■ 154.9740, 1.7480,
-31.6920

■ 154.9740, 1.7480,
-31.6920

■ 150.3450, 1.8410,
-38.8870

■ 159.7170, 1.3340,
-24.1860

■ 145.6020, 2.2550,
-46.3930

■ 164.0470, 0.6450,
-17.2030

■ 141.2720, 2.9440,
-53.3760

■ 168.7900, 0.2310,
-9.6970

■ 136.5290, 3.3580,
-60.8820

■ 173.4190, 0.1380,
-2.5020

■ 131.9000, 3.4510,
-68.0770

■ 178.1620, -0.2760,
5.0040

■ 128.7380, 3.7270,
-73.0810

■ 182.7910, -0.3690,
12.1990

■ 187.2350, -1.3790,
19.4930

■ 191.8640, -1.4720,
26.6880

■ 196.3790, -1.2440,
33.5720

Harmonies

Analogous

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



159.3650, 34.6200, -21.7000



154.9740, 1.7480, -31.6920



147.2970, -41.7620, -36.1140

Triad

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



154.9740, 1.7480, -31.6920



130.1020, -123.8350, -18.9630



165.8430, 55.7470, 30.4590

Complementary

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



154.9740, 1.7480, -31.6920



119.0260, -1.7480, 31.6920

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.



167.8420, 31.1250, 36.1570



154.9740, 1.7480, -31.6920



158.7250, -52.7290, 13.9830

Square

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



154.9740, 1.7480, -31.6920



130.7740, -117.4600, -29.8760



167.6340, -6.5160, 29.9960



164.4240, 63.6360, 14.1320

Rectangle

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



154.9740, 1.7480, -31.6920



134.6910, -84.0340, -40.9460



167.6340, -6.5160, 29.9960



166.7160, 48.9150, 33.1310

Sweetspot

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



154.9740, 1.7480, -31.6920



219.0950, 0.6900, -12.5100



144.0300, 34.8460, -3.7620



110.1430, 0.7350, -7.8170



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



154.9740, 1.7480, -31.6920



195.9070, 2.7140, -49.2060



143.6120, -20.9000, -39.7480



84.4790, -0.0910, -3.8590



110.4750, 3.4500, -62.5500



16.7900, 0.2310, -9.6970

Inverse Universe

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



119.0260, -1.7480, 31.6920



140.0930, -2.7140, 49.2060



130.3880, 20.9000, 39.7480



80.2220, -0.5050, 3.6470



39.5250, -3.4500, 62.5500



5.9110, -0.8270, 9.4850

Previews

White Background



This preview shows how the YIQ color 154.9740, 1.7480, -31.6920 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 154.9740, 1.7480, -31.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

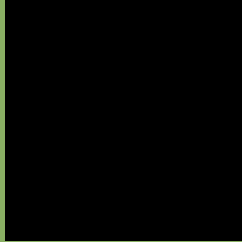
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.9740, 1.7480, -31.6920

Background



This preview shows how black text looks on a background with the YIQ color 154.9740, 1.7480, -31.6920.



This preview shows how white text looks on a background with the YIQ color 154.9740, 1.7480, -31.6920.

-31.6920.

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

154.9740, 1.7480, -31.6920

Protanopia

160.0320, 31.3640, -17.7560

Deuteranopia

162.3310, 41.1280, -7.4800



Tritanopia

162.3990, -14.3050, 0.4390

Trichromacy



Original Color

154.9740, 1.7480, -31.6920

Protanomaly

158.0090, 21.0030, -22.7170

Deuteranomaly

159.6340, 26.7330, -16.4270

Tritanomaly

159.6580, -8.2050, -10.9970

Monochromacy



Original Color

154.9740, 1.7480, -31.6920

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.7360, 0.3230, -11.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.9740, 1.7480, -31.6920 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(137, 175, 99)` looks like.

```
.text, #text, p{  
    color:rgb(137, 175, 99)  
}
```

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(137, 175, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 175, 99) }
```

Border

The CSS property to change the border of an element to YIQ 154.9740, 1.7480, -31.6920 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(137, 175, 99) }
```


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

```
.border{ border-color:rgb(137, 175, 99) }
```

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

Here you see how a box with a 4 pixel rgb(137, 175, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 175, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 175, 99);  
box-shadow:4px 4px 4px 4px rgb(137, 175,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 154.9740, 1.7480, -31.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 175, 99) }
```

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

```
.background{ background-color: rgb(137,  
175, 99) }
```

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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