

Converting Colors

YIQ(151.2080, 0.9690, -34.0950)

Have a look what the booklet for
YIQ(151.2080, 0.9690, -34.0950)
contains.

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Color

**YIQ(151.2080, 0.9690,
-34.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	83AD5C
RGB	131, 173, 92
RGB Percent	51%, 68%, 36%
CMY	0.4864, 0.3215, 0.6391
CMYK	0.24, 0.00, 0.47, 0.32
HSL	91°, 33%, 52%
HSV	91°, 47%, 68%
XYZ	26.2336, 35.4891, 15.5965
YIQ	151.2080, 0.9690, -34.0950

Conversions

Conversions Part 2

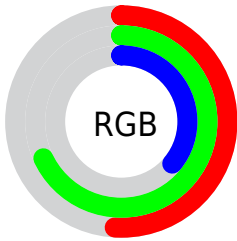
Format	Color
RYB	92, 173, 134
Decimal	8629596
CIELab	66.13, -28.45, 36.95
CIElCh	66, 46.640, 127.596
Yxy	35.4891, 0.3393, 0.4590
Android (android.graphics.Color)	4286819676 (0xFF83AD5C)
YUV	151.2080, -29.1895, -17.7224
Hunter-Lab	59.5727, -25.6476, 26.1784

Details

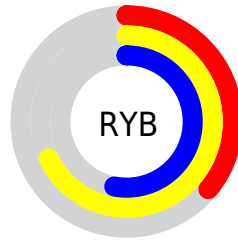
The YIQ color **151.2080, 0.9690, -34.0950** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **113.7920, -0.9690, 34.0950**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4530, 1.6570, -35.5510**, and **98.9630, 0.2810, -32.6390** is the 20% darker color. If you saturate the color by 10%, you get **146.5790, 1.0620, -41.2900**, and if you desaturate by 10%, it is **155.8370, 0.8760, -26.9000**.

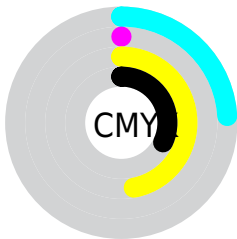
Distribution



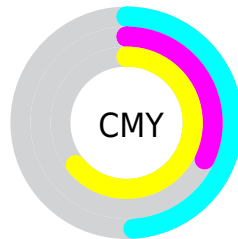
- Red (51%)
- Green (68%)
- Blue (36%)



- Red (36%)
- Yellow (68%)
- Blue (53%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (32%)




- Cyan (49%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.2080, 0.9690, -34.0950 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 151.2080, 0.9690, -34.0950 by changing the saturation by 10% instead.


 151.2080, 0.9690,
-34.0950


 151.2080, 0.9690,
-34.0950


255.0000, -0.0000,
-0.0000


 124.7350, 0.9230,
-33.2610


 206.4530, 1.6570,
-35.5510


 98.9630, 0.2810,
-32.6390


 233.1650, 2.5280,
-34.8160


 73.9630, 0.2810,
-32.6390

 244.9140, 11.1450,
-20.2710

 50.3480, -2.2410,
-30.9850

 251.8080, 8.9880,
-8.7080

 28.4750, -12.6040,
-24.8920

 17.6100, -8.2500,
-15.6900

 0.0000, 0.0000,

0.0000

■ 151.2080, 0.9690,
-34.0950

■ 151.2080, 0.9690,
-34.0950

■ 146.5790, 1.0620,
-41.2900

■ 155.8370, 0.8760,
-26.9000

■ 141.8360, 1.4760,
-48.7960

■ 160.5800, 0.4620,
-19.3940

■ 137.2070, 1.5690,
-55.9910

■ 165.2090, 0.3690,
-12.1990

■ 132.5780, 1.6620,
-63.1860

■ 169.8380, 0.2760,
-5.0040

■ 127.9490, 1.7550,
-70.3810

■ 174.5810, -0.1380,
2.5020

■ 126.3680, 1.8930,
-72.8830

■ 179.2100, -0.2310,
9.6970

■ 183.8390, -0.3240,
16.8920

■ 188.4680, -0.4170,
24.0870

■ 193.2110, -0.8310,
31.5930

Harmonies

Analogous

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



156.2680, 36.2710, -24.0890



151.2080, 0.9690, -34.0950



141.9650, -46.7590, -39.1670

Triad

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



151.2080, 0.9690, -34.0950



129.1560, -123.9270, -17.2950



162.7510, 59.0020, 32.0420

Complementary

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



151.2080, 0.9690, -34.0950



113.7920, -0.9690, 34.0950

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.



165.0920, 33.4170, 38.6730



151.2080, 0.9690, -34.0950



155.8000, -57.3140, 14.4780

Square

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



151.2080, 0.9690, -34.0950



129.7140, -117.2310, -28.5190



164.8020, -6.9290, 31.9750



161.1040, 67.5330, 15.0930

Rectangle

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



151.2080, 0.9690, -34.0950



124.6180, -100.1260, -46.6700



164.8020, -6.9290, 31.9750



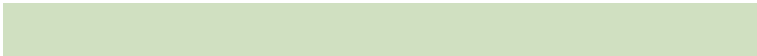
163.4500, 52.7200, 35.7600

Sweetspot

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



151.2080, 0.9690, -34.0950



215.6820, 0.4150, -13.0330



140.8730, 36.7260, -4.7940



106.8440, 0.1390, -8.0290



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



151.2080, 0.9690, -34.0950



190.3150, 1.3850, -52.6550



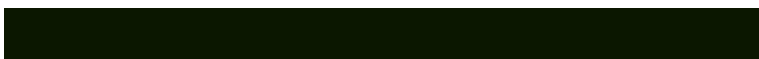
139.6610, -22.5960, -42.0520



84.4790, -0.0910, -3.8590



109.5780, 1.6620, -63.1860



16.7900, 0.2310, -9.6970

Inverse Universe

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



113.7920, -0.9690, 34.0950



132.6850, -1.3850, 52.6550



125.3390, 22.5960, 42.0520



80.5210, 0.0910, 3.8590



40.4220, -1.6620, 63.1860



6.2100, -0.2310, 9.6970

Previews

White Background



This preview shows how the YIQ color 151.2080, 0.9690, -34.0950 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 151.2080, 0.9690, -34.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

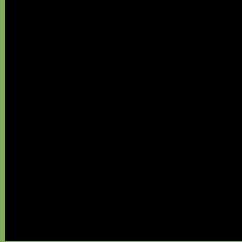
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.2080, 0.9690, -34.0950

Background



This preview shows how black text looks on a background with the YIQ color 151.2080, 0.9690, -34.0950.



This preview shows how white text looks on a background with the YIQ color 151.2080, 0.9690,

-34.0950.

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

151.2080, 0.9690, -34.0950

Protanopia

156.5760, 32.6480, -19.0000

Deuteranopia

158.8750, 42.4120, -8.7240



Tritanopia

158.5020, -16.0930, -0.1970

Trichromacy



Original Color

151.2080, 0.9690, -34.0950

Protanomaly

154.8410, 21.4160, -24.6960

Deuteranomaly

155.8790, 27.4210, -17.8830

Tritanomaly

156.1200, -9.6260, -12.7780

Monochromacy



Original Color

151.2080, 0.9690, -34.0950

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.2090, 0.3690, -12.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.2080, 0.9690, -34.0950 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, 173, 92)` looks like.

```
.text, #text, p{  
    color:rgb(131, 173, 92)  
}
```

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, 173, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 173, 92) }
```

Border

The CSS property to change the border of an element to YIQ 151.2080, 0.9690, -34.0950 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, 173, 92) }
```


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

```
.border{ border-color:rgb(131, 173, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 173, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 173, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 173, 92);  
box-shadow:4px 4px 4px 4px rgb(131, 173,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 151.2080, 0.9690, -34.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 173, 92) }
```

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

```
.background{ background-color: rgb(131,  
173, 92) }
```

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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