

Converting Colors

YIQ(151.3050, -0.6820,
-31.7060)

Have a look what the booklet for
YIQ(151.3050, -0.6820, -31.7060)
contains.

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Color

**YIQ(151.3050, -0.6820,
-31.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	83AC62
RGB	131, 172, 98
RGB Percent	51%, 67%, 38%
CMY	0.4864, 0.3254, 0.6156
CMYK	0.24, 0.00, 0.43, 0.33
HSL	93°, 31%, 53%
HSV	93°, 43%, 67%
XYZ	26.3154, 35.2160, 16.9691
YIQ	151.3050, -0.6820, -31.7060

Conversions

Conversions Part 2

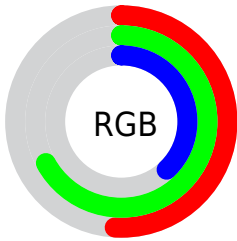
Format	Color
RYB	98, 172, 139
Decimal	8629346
CIELab	65.92, -27.21, 33.61
CIELCh	66, 43.238, 128.992
Yxy	35.2160, 0.3352, 0.4486
Android (android.graphics.Color)	4286819426 (0xFF83AC62)
YUV	151.3050, -26.2794, -17.8075
Hunter-Lab	59.3431, -24.6953, 24.5862

Details

The YIQ color $151.3050, -0.6820, -31.7060$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $118.6950, 0.6820, 31.7060$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $206.2510, -0.5900, -33.3740$, and $99.0600, -1.3700, -30.2500$ is the 20% darker color. If you saturate the color by 10%, you get $146.3770, -1.1850, -39.1130$, and if you desaturate by 10%, it is $156.2330, -0.1790, -24.2990$.

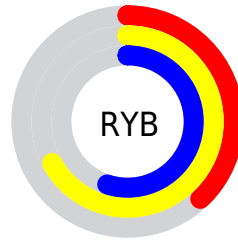
Distribution



Red (51%)

Green (67%)

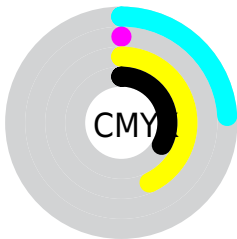
Blue (38%)



Red (38%)

Yellow (67%)

Blue (55%)

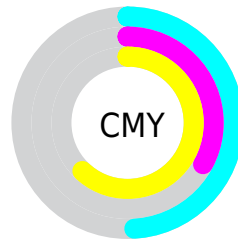


Cyan (24%)

Magenta (0%)

Yellow (43%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3050, -0.6820, -31.7060 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 151.3050, -0.6820, -31.7060 by changing the saturation by 10% instead.


 151.3050, -0.6820,
-31.7060

 151.3050, -0.6820,
-31.7060


255.0000, -0.0000,
-0.0000


 124.8320, -0.7280,
-30.8720


 206.2510, -0.5900,
-33.3740

 99.0600, -1.3700,
-30.2500


 233.5500, 0.0060,
-33.1620


 74.8750, -2.2870,
-30.1510

 245.4130, 8.3020,
-18.3060

 50.6470, -1.6450,
-30.7730

 252.4920, 7.0620,
-6.8420

 29.3720, -10.8160,
-24.2560

 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,

0.0000

■ 151.3050, -0.6820,
-31.7060

■ 151.3050, -0.6820,
-31.7060

■ 146.3770, -1.1850,
-39.1130

■ 156.2330, -0.1790,
-24.2990

■ 141.7480, -1.0920,
-46.3080

■ 160.8620, -0.2720,
-17.1040

■ 136.7060, -1.2740,
-54.0260

■ 165.9040, -0.0900,
-9.3860

■ 132.0770, -1.1810,
-61.2210

■ 170.5330, -0.1830,
-2.1910

■ 127.1490, -1.6840,
-68.6280

■ 175.4610, 0.3200,
5.2160

■ 123.9870, -1.4080,
-73.6320

■ 180.0900, 0.2270,
12.4110

■ 185.0180, 0.7300,
19.8180

■ 189.7610, 0.3160,
27.3240

■ 194.6890, 0.8190,
34.7310

Harmonies

Analogous

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



156.1690, 32.2360, -22.5480



151.3050, -0.6820, -31.7060



143.0410, -43.9170, -35.6050

Triad

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



151.3050, -0.6820, -31.7060



127.7110, -121.1760, -17.5920



162.2020, 56.1140, 29.3140

Complementary

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



151.3050, -0.6820, -31.7060



118.6950, 0.6820, 31.7060

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.



164.7990, 32.6840, 35.4360



151.3050, -0.6820, -31.7060



156.5190, -49.1530, 15.2550

Square

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



151.3050, -0.6820, -31.7060



128.1980, -115.7180, -28.4060



164.4170, -4.4070, 30.3210



160.5980, 63.0860, 13.0860

Rectangle

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



151.3050, -0.6820, -31.7060



127.2600, -93.0660, -42.4580



164.4170, -4.4070, 30.3210



163.3740, 49.8780, 32.1980

Sweetspot

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



151.3050, -0.6820, -31.7060



215.9100, -0.2270, -12.4110



144.1930, 32.8290, -5.7550



106.9580, -0.1820, -7.7180



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.



151.3050, -0.6820, -31.7060



191.6400, -0.9080, -49.6440



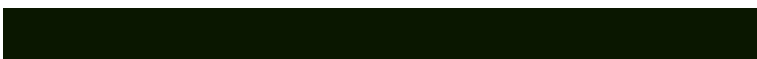
141.8940, -21.6340, -37.4580



84.4790, -0.0910, -3.8590



108.0830, -1.3180, -64.2460



16.4910, -0.3650, -9.9090

Inverse Universe

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



118.6950, 0.6820, 31.7060



140.3600, 0.9080, 49.6440



128.1060, 21.6340, 37.4580



80.5210, 0.0910, 3.8590



41.9170, 1.3180, 64.2460



6.5090, 0.3650, 9.9090

Previews

White Background



This preview shows how the YIQ color 151.3050, -0.6820, -31.7060 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 151.3050, -0.6820, -31.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

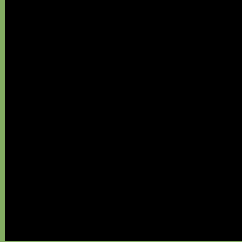
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.3050, -0.6820, -31.7060

Background



This preview shows how black text looks on a background with the YIQ color 151.3050, -0.6820, -31.7060.



This preview shows how white text looks on a background with the YIQ color 151.3050, -0.6820,

-31.7060.

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

151.3050, -0.6820, -31.7060

Protanopia

156.8470, 30.4470, -17.6570

Deuteranopia

158.9610, 39.2940, -7.2820



Tritanopia

158.5020, -16.0930, -0.1970

Trichromacy



Original Color

151.3050, -0.6820, -31.7060

Protanomaly

154.6390, 19.1690, -22.5190

Deuteranomaly

156.2640, 24.8990, -16.2290

Tritanomaly

155.8750, -10.3140, -11.3220

Monochromacy



Original Color

151.3050, -0.6820, -31.7060

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.4370, -0.2730, -11.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3050, -0.6820, -31.7060 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, 172, 98)` looks like.

```
.text, #text, p{  
    color:rgb(131, 172, 98)  
}
```

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, 172, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 172, 98) }
```

Border

The CSS property to change the border of an element to YIQ 151.3050, -0.6820, -31.7060 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, 172, 98) }
```


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

```
.border{ border-color:rgb(131, 172, 98) }
```

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

Here you see how a box with a 4 pixel rgb(131, 172, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 172, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 172, 98);  
box-shadow:4px 4px 4px 4px rgb(131, 172,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3050, -0.6820, -31.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 172, 98) }
```

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

```
.background{ background-color: rgb(131,  
172, 98) }
```

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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