

Converting Colors

YIQ(151.9780, -22.4110,
-50.9150)

Have a look what the booklet for
YIQ(151.9780, -22.4110, -50.9150)
contains.

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Color

**YIQ(151.9780, -22.4110,
-50.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	63BF5A
RGB	99, 191, 90
RGB Percent	39%, 75%, 35%
CMY	0.6120, 0.2508, 0.6471
CMYK	0.48, 0.00, 0.53, 0.25
HSL	115°, 44%, 55%
HSV	115°, 53%, 75%
XYZ	25.6223, 40.6651, 16.1710
YIQ	151.9780, -22.4110, -50.9150

Conversions

Conversions Part 2

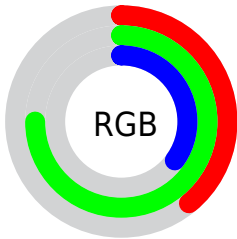
Format	Color
RYB	90, 191, 182
Decimal	6537050
CIELab	69.94, -47.44, 42.26
CIELCh	70, 63.531, 138.305
Yxy	40.6651, 0.3107, 0.4932
Android (android.graphics.Color)	4284727130 (0xFF63BF5A)
YUV	151.9780, -30.5552, -46.4617
Hunter-Lab	63.7692, -39.8753, 29.6033

Details

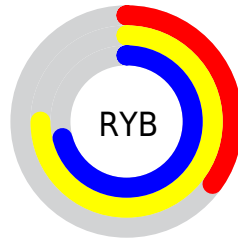
The YIQ color **151.9780, -22.4110, -50.9150** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **129.0220, 22.4110, 50.9150**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1090, -21.4020, -52.6820**, and **96.5260, -26.9500, -51.2540** is the 20% darker color. If you saturate the color by 10%, you get **144.7290, -26.4440, -60.4280**, and if you desaturate by 10%, it is **159.2270, -18.3780, -41.4020**.

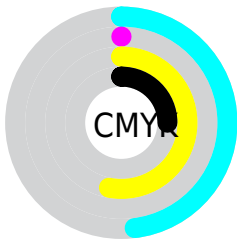
Distribution



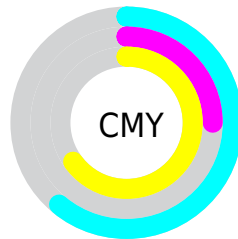
- Red (39%)
- Green (75%)
- Blue (35%)



- Red (35%)
- Yellow (75%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (53%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.9780, -22.4110, -50.9150 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 151.9780, -22.4110, -50.9150 by changing the saturation by 10% instead.

■ 151.9780,
-22.4110, -50.9150

■ 151.9780,
-22.4110, -50.9150

■ 255.0000, -0.0000,
-0.0000

■ 124.0210,
-23.9700, -50.1940

■ 208.1090,
-21.4020, -52.6820

■ 96.5260, -26.9500,
-51.2540

■ 223.9670,
-14.7100, -41.7980

■ 66.2970, -33.7350,
-54.9430

■ 235.8300, -6.4140,
-26.9420

■ 49.8950, -23.3750,
-44.4550

■ 248.1060, 2.1570,
-11.5630

■ 35.8070, -16.7750,
-31.9030

■ 23.4800, -11.0000,
-20.9200

■ 0.0000, 0.0000,

0.0000

■ 151.9780,
-22.4110, -50.9150

■ 151.9780,
-22.4110, -50.9150

■ 144.7290,
-26.4440, -60.4280

■ 159.2270,
-18.3780, -41.4020

■ 137.1810,
-31.0730, -70.1530

■ 166.7750,
-13.7490, -31.6770

■ 129.9320,
-35.1060, -79.6660

■ 174.0240, -9.7160,
-22.1640

■ 122.3840,
-39.7350, -89.3910

■ 181.5720, -5.0870,
-12.4390

■ 117.2000,
-42.3930, -96.2890

■ 188.9350, -1.3750,
-2.6150

■ 196.1840, 2.6580,
6.8980

■ 203.7320, 7.2870,
16.6230

■ 210.9810, 11.3200,
26.1360

■ 217.4320, 17.6000,
33.4720

Harmonies

Analogous

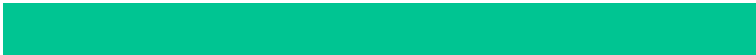
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.1190, 34.5320, -42.1400



151.9780, -22.4110, -50.9150



132.2830, -101.0410, -57.6250

Triad

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



151.9780, -22.4110, -50.9150



137.0780, -132.4550, -16.9270



161.8300, 74.9570, 34.7410

Complementary

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



151.9780, -22.4110, -50.9150



129.0220, 22.4110, 50.9150

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.



169.6160, 55.7890, 51.7330



151.9780, -22.4110, -50.9150



165.0940, -49.1540, 20.7820

Square

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



151.9780, -22.4110, -50.9150



143.5350, -135.4800, -22.6800



175.6340, 11.8200, 50.1240



166.4680, 86.6990, 9.1550

Rectangle

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



151.9780, -22.4110, -50.9150



138.0170, -114.4310, -46.2310



175.6340, 11.8200, 50.1240



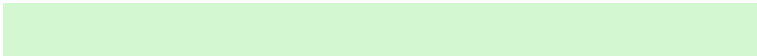
162.8220, 69.4080, 41.6960

Sweetspot

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



151.9780, -22.4110, -50.9150



231.7900, -8.9370, -19.7610



173.6160, 35.1710, -26.1810



115.6860, -5.4080, -12.1280



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.9780, -22.4110, -50.9150



186.8720, -34.8770, -78.3090



153.8470, -40.6150, -40.3830



90.5820, -1.8790, -4.4950



96.9320, -35.1060, -79.6660



19.0940, -6.7370, -15.5770

Inverse Universe

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



129.0220, 22.4110, 50.9150



152.1280, 34.8770, 78.3090



127.1530, 40.6150, 40.3830



88.7170, 2.4750, 4.7070



61.0680, 35.1060, 79.6660



11.9060, 6.7370, 15.5770

Previews

White Background



This preview shows how the YIQ color 151.9780, -22.4110, -50.9150 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 151.9780, -22.4110, -50.9150 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 151.9780, -22.4110, -50.9150 Background



This preview shows how black text looks on a background with the YIQ color 151.9780, -22.4110, -50.9150.



This preview shows how white text looks on a background with the YIQ color 151.9780, -22.4110, -50.9150.

-50.9150.

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

151.9780, -22.4110, -50.9150

Protanopia

165.4640, 38.6550, -23.2410

Deuteranopia

168.1590, 47.3640, -10.3640



Tritanopia

163.6560, -40.2540, -8.3660

Trichromacy



Original Color

151.9780, -22.4110, -50.9150

Protanomaly

160.9340, 16.4200, -33.2760

Deuteranomaly

162.6130, 22.0580, -25.3180

Tritanomaly

159.2800, -33.9240, -23.9720

Monochromacy



Original Color

151.9780, -22.4110, -50.9150

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9150, -7.7910, -18.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.9780, -22.4110, -50.9150 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(99, 191, 90)` looks like.

```
.text, #text, p{  
    color:rgb(99, 191, 90)  
}
```

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(99, 191, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 191, 90) }
```

Border

The CSS property to change the border of an element to YIQ 151.9780, -22.4110, -50.9150 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(99, 191, 90) }
```


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

```
.border{ border-color:rgb(99, 191, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 191, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 191, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 191, 90);  
box-shadow:4px 4px 4px 4px rgb(99, 191,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 151.9780, -22.4110, -50.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 191, 90) }
```

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

```
.background{ background-color: rgb(99, 191,  
90) }
```

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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