

Converting Colors

YIQ(185.1130, -27.2250,
-51.7770)

Have a look what the booklet for
YIQ(185.1130, -27.2250, -51.7770)
contains.

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Color

**YIQ(185.1130, -27.2250,
-51.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE27F
RGB	127, 226, 127
RGB Percent	50%, 89%, 50%
CMY	0.5023, 0.1135, 0.5020
CMYK	0.44, 0.00, 0.44, 0.11
HSL	120°, 63%, 69%
HSV	120°, 44%, 89%
XYZ	39.7790, 60.4535, 29.6481
YIQ	185.1130, -27.2250, -51.7770

Conversions

Conversions Part 2

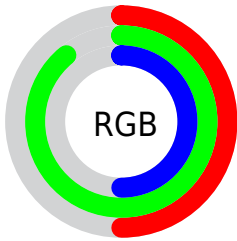
Format	Color
RYB	127, 226, 226
Decimal	8381055
CIELab	82.08, -48.77, 39.48
CIElCh	82, 62.749, 141.012
Yxy	60.4535, 0.3063, 0.4655
Android (android.graphics.Color)	4286571135 (0xFF7FE27F)
YUV	185.1130, -28.6497, -50.9651
Hunter-Lab	77.7519, -44.7426, 31.8180

Details

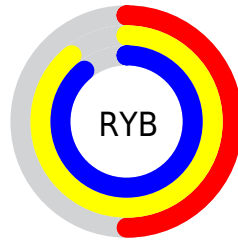
The YIQ color **185.1130, -27.2250, -51.7770** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **167.8870, 27.2250, 51.7770**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3350, -18.5620, -38.0660**, and **129.0850, -30.0220, -50.6460** is the 20% darker color. If you saturate the color by 10%, you get **175.6140, -33.5500, -63.8060**, and if you desaturate by 10%, it is **194.6120, -20.9000, -39.7480**.

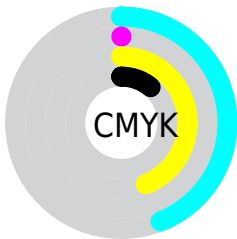
Distribution



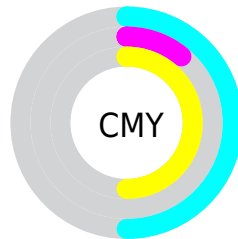
- Red (50%)
- Green (89%)
- Blue (50%)



- Red (50%)
- Yellow (89%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.1130, -27.2250, -51.7770 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 185.1130, -27.2250, -51.7770 by changing the saturation by 10% instead.

■ 185.1130,
-27.2250, -51.7770

■ 185.1130,
-27.2250, -51.7770

■ 255.0000, -0.0000,
-0.0000

■ 157.0420,
-28.4630, -51.3670

■ 225.3350,
-18.5620, -38.0660

■ 129.0850,
-30.0220, -50.6460

■ 237.1980,
-10.2660, -23.2100

■ 100.8180,
-33.6440, -51.0840

■ 249.4740, -1.6950,
-7.8310

■ 71.5290, -40.2000,
-53.4160

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,
-34.5180

■ 26.4150, -12.3750,

-23.5350

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 185.1130,
-27.2250, -51.7770

■ 185.1130,
-27.2250, -51.7770

■ 175.6140,
-33.5500, -63.8060

■ 194.6120,
-20.9000, -39.7480

■ 166.5280,
-39.6000, -75.3120

■ 203.6980,
-14.8500, -28.2420

■ 157.0290,
-45.9250, -87.3410

■ 213.1970, -8.5250,
-16.2130

■ 147.9430,
-51.9750, -98.8470

■ 222.2830, -2.4750,
-4.7070

■ 138.4440,
-58.3000, -110.8760

■ 231.7820, 3.8500,
7.3220

■ 132.6620,
-62.1500, -118.1980

■ 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



194.5530, 30.3140, -42.7900



185.1130, -27.2250, -51.7770



157.1600, -122.8640, -64.1120

Triad

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



185.1130, -27.2250, -51.7770



155.8620, -141.2550, -33.6630



186.6270, 56.1150, 23.7870

Complementary

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



185.1130, -27.2250, -51.7770



167.8870, 27.2250, 51.7770

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.



192.7660, 37.4510, 42.6590



185.1130, -27.2250, -51.7770



197.3440, -29.6670, 14.5330

Square

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



185.1130, -27.2250, -51.7770



162.9060, -144.5550, -39.9390



206.2790, 22.8250, 43.4090



190.7920, 67.8110, -0.9650

Rectangle

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



185.1130, -27.2250, -51.7770



163.0080, -136.5750, -52.4070



206.2790, 22.8250, 43.4090



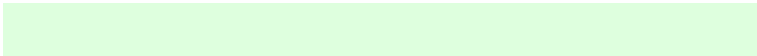
187.1460, 50.5200, 31.5760

Sweetspot

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



185.1130, -27.2250, -51.7770



241.3710, -9.0750, -17.2590



214.7140, 31.7790, -30.7890



119.3270, -5.7750, -10.9830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



185.1130, -27.2250, -51.7770



199.2450, -37.1250, -70.6050



190.6990, -42.9540, -36.5380



107.4570, -3.0250, -5.7530



103.3120, -48.4000, -92.0480



28.1760, -13.2000, -25.1040

Inverse Universe

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



167.8870, 27.2250, 51.7770



175.7550, 37.1250, 70.6050



162.1870, 43.2750, 36.2270



105.5430, 3.0250, 5.7530



72.6880, 48.4000, 92.0480



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 185.1130, -27.2250, -51.7770 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 185.1130, -27.2250, -51.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

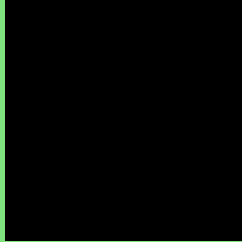
Any Text WCAG AA ✓ Pass

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 185.1130, -27.2250, -51.7770 Background



This preview shows how black text looks on a background with the YIQ color 185.1130, -27.2250, -51.7770.



This preview shows how white text looks on a background with the YIQ color 185.1130, -27.2250, -51.7770.

-51.7770.

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

185.1130, -27.2250, -51.7770

Protanopia

198.9910, 38.6090, -22.4070

Deuteranopia

201.9250, 48.1430, -7.9610



Tritanopia

196.2040, -44.7930, -8.7050

Trichromacy



Original Color

185.1130, -27.2250, -51.7770

Protanomaly

193.5640, 14.5860, -33.0780

Deuteranomaly

196.0690, 20.7740, -24.0740

Tritanomaly

191.8280, -38.4630, -24.3110

Monochromacy



Original Color

185.1130, -27.2250, -51.7770

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1320, -9.9000, -18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.1130, -27.2250, -51.7770 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(127, 226, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 226, 127)  
}
```

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(127, 226, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 226, 127) }
```

Border

The CSS property to change the border of an element to YIQ 185.1130, -27.2250, -51.7770 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(127, 226, 127) }
```


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

```
.border{ border-color:rgb(127, 226, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 226, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 226, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 226, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 226,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 185.1130, -27.2250, -51.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 226, 127) }
```

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

```
.background{ background-color: rgb(127,  
226, 127) }
```

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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