

Converting Colors

YIQ(184.4980, -29.7470,
-50.1230)

Have a look what the booklet for
YIQ(184.4980, -29.7470, -50.1230)
contains.

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Color

**YIQ(184.4980, -29.7470,
-50.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE184
RGB	125, 225, 132
RGB Percent	49%, 88%, 52%
CMY	0.5101, 0.1175, 0.4824
CMYK	0.44, 0.00, 0.41, 0.12
HSL	124°, 63%, 69%
HSV	124°, 44%, 88%
XYZ	39.5470, 59.8929, 31.3017
YIQ	184.4980, -29.7470, -50.1230

Conversions

Conversions Part 2

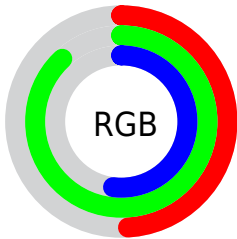
Format	Color
RYB	125, 218, 225
Decimal	8249732
CIELab	81.78, -48.19, 36.59
CIElCh	82, 60.507, 142.793
Yxy	59.8929, 0.3025, 0.4581
Android (android.graphics.Color)	4286439812 (0xFF7DE184)
YUV	184.4980, -25.8815, -52.1797
Hunter-Lab	77.3905, -44.2189, 30.1927

Details

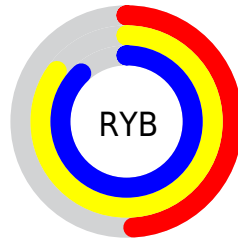
The YIQ color **184.4980, -29.7470, -50.1230** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **165.5020, 29.7470, 50.1230**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3070, -21.3590, -36.9350**, and **128.4700, -32.5440, -48.9920** is the 20% darker color. If you saturate the color by 10%, you get **175.2270, -36.7140, -61.5300**, and if you desaturate by 10%, it is **193.4700, -23.3760, -38.9280**.

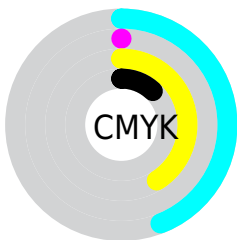
Distribution



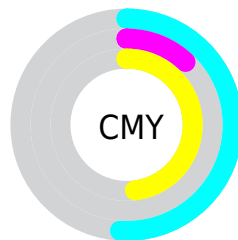
- Red (49%)
- Green (88%)
- Blue (52%)



- Red (49%)
- Yellow (85%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4980, -29.7470, -50.1230 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 184.4980, -29.7470, -50.1230 by changing the saturation by 10% instead.

■ 184.4980,
-29.7470, -50.1230

■ 184.4980,
-29.7470, -50.1230

■ 255.0000, -0.0000,
-0.0000

■ 156.4270,
-30.9850, -49.7130

■ 225.3070,
-21.3590, -36.9350

■ 128.4700,
-32.5440, -48.9920

■ 237.1700,
-13.0630, -22.0790

■ 99.9040, -36.7620,
-49.6420

■ 249.4460, -4.4920,
-6.7000

■ 71.7400, -42.1720,
-50.7160

■ 53.2860, -26.0340,
-45.8260

■ 38.7420, -18.1500,
-34.5180

■ 25.8280, -12.1000,

-23.0120

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 184.4980,
-29.7470, -50.1230

■ 184.4980,
-29.7470, -50.1230

■ 175.2270,
-36.7140, -61.5300

■ 193.4700,
-23.3760, -38.9280

■ 166.2550,
-43.0850, -72.7250


■ 202.7410,
-16.4090, -27.5210


■ 156.9840,
-50.0520, -84.1320


■ 211.7130,
-10.0380, -16.3260

■ 148.0120,
-56.4230, -95.3270

■ 220.9840, -3.0710,
-4.9190

 138.7410,
-63.3900, -106.7340

 229.9560, 3.3000,
6.2760

 133.8990,
-67.0110, -112.6990

 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



193.4540, 26.2790, -41.2490



184.4980, -29.7470, -50.1230



156.9150, -123.5520, -62.6560

Triad

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



184.4980, -29.7470, -50.1230



163.9680, -120.7620, -25.0980



187.4590, 56.5280, 21.8080

Complementary

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



184.4980, -29.7470, -50.1230



165.5020, 29.7470, 50.1230

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.



192.7830, 38.7810, 40.5810



184.4980, -29.7470, -50.1230



198.2630, -24.9450, 17.0630

Square

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



184.4980, -29.7470, -50.1230



161.7320, -144.0050, -38.8930



205.6920, 23.1000, 43.9320



191.3790, 67.5360, -1.4880

Rectangle

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



184.4980, -29.7470, -50.1230



162.0620, -136.6670, -50.7390



205.6920, 23.1000, 43.9320



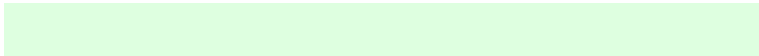
187.8640, 51.2540, 29.2860

Sweetspot

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



184.4980, -29.7470, -50.1230



241.5990, -9.7170, -16.6370



211.5070, 27.9280, -32.5840



119.5550, -6.4170, -10.3610



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.



184.4980, -29.7470, -50.1230



200.2710, -40.0140, -67.8060



190.1980, -45.7970, -34.5730



107.5710, -3.3460, -5.4420



104.6800, -52.2520, -88.3160



28.5180, -14.1630, -24.1710

Inverse Universe

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



165.5020, 29.7470, 50.1230



174.6150, 40.3350, 67.4950



159.8020, 45.7970, 34.5730



105.4290, 3.3460, 5.4420



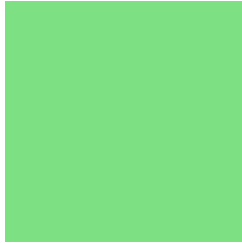
71.3200, 52.2520, 88.3160



19.4820, 14.1630, 24.1710

Previews

White Background



This preview shows how the YIQ color 184.4980, -29.7470, -50.1230 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 184.4980, -29.7470, -50.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

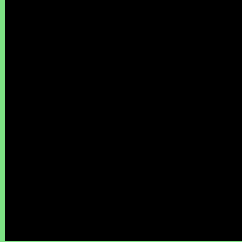
Any Text WCAG AA ✓ Pass

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 184.4980, -29.7470, -50.1230 Background



This preview shows how black text looks on a background with the YIQ color 184.4980, -29.7470, -50.1230.



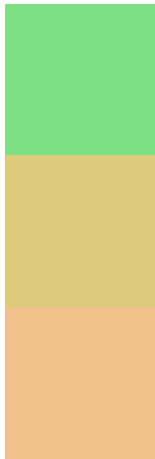
This preview shows how white text looks on a background with the YIQ color 184.4980, -29.7470, -50.1230.

-50.1230.

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

184.4980, -29.7470, -50.1230

Protanopia

198.6750, 36.6830, -20.5410

Deuteranopia

201.1960, 45.9420, -6.6180



Tritanopia

195.0190, -45.7100, -8.6060

Trichromacy



Original Color

184.4980, -29.7470, -50.1230



Protanomaly

193.2480, 12.6600, -31.2120



Deuteranomaly

195.3400, 18.5730, -22.7310



Tritanomaly

190.8710, -40.0220, -23.5900

Monochromacy



Original Color

184.4980, -29.7470, -50.1230



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.3600, -10.5420, -18.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.4980, -29.7470, -50.1230 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(125, 225, 132)` looks like.

```
.text, #text, p{  
    color:rgb(125, 225, 132)  
}
```

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(125, 225, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 225, 132) }
```

Border

The CSS property to change the border of an element to YIQ 184.4980, -29.7470, -50.1230 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(125, 225, 132) }
```


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

```
.border{ border-color:rgb(125, 225, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 225, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 225, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 225, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 225,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 184.4980, -29.7470, -50.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 225, 132) }
```

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

```
.background{ background-color: rgb(125,  
225, 132) }
```

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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