

Converting Colors

YIQ(127.4950, -87.5590,
-70.6870)

Have a look what the booklet for
YIQ(127.4950, -87.5590, -70.6870)
contains.

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Color

**YIQ(127.4950, -87.5590,
-70.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	00C568
RGB	0, 197, 104
RGB Percent	0%, 77%, 41%
CMY	1.0000, 0.2271, 0.5924
CMYK	1.00, 0.00, 0.47, 0.23
HSL	152°, 100%, 39%
HSV	152°, 100%, 77%
XYZ	22.4801, 40.9681, 19.8008
YIQ	127.4950, -87.5590, -70.6870

Conversions

Conversions Part 2

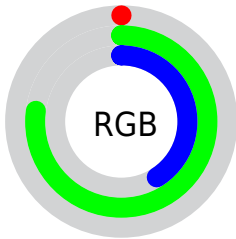
Format	Color
RYB	0, 129, 197
Decimal	50536
CIELab	70.15, -62.14, 35.23
CIELCh	70, 71.431, 150.449
Yxy	40.9681, 0.2700, 0.4921
Android (android.graphics.Color)	4278240616 (0xFF00C568)
YUV	127.4950, -11.5830, -111.8131
Hunter-Lab	64.0063, -49.3187, 26.4626

Details

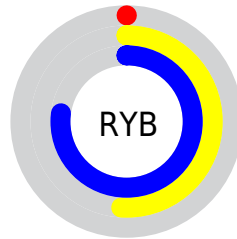
The YIQ color **127.4950, -87.5590, -70.6870** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **69.5050, 87.5590, 70.6870**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.3690, -60.6010, -63.6490**, and **89.5100, -56.3840, -57.4720** is the 20% darker color. If you saturate the color by 10%, you get **127.4950, -87.5590, -70.6870**, and if you desaturate by 10%, it is **134.5010, -78.5280, -63.6480**.

Distribution



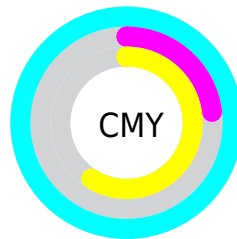
- Red (0%)
- Green (77%)
- Blue (41%)



- Red (0%)
- Yellow (51%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4950, -87.5590, -70.6870 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 127.4950, -87.5590, -70.6870 by changing the saturation by 10% instead.

■ 127.4950,
-87.5590, -70.6870

■ 127.4950,
-87.5590, -70.6870

■ 255.0000, -0.0000,
-0.0000

■ 108.2090,
-71.8340, -63.8180

■ 197.3690,
-60.6010, -63.6490

■ 89.5100, -56.3840,
-57.4720

■ 210.1290,
-50.5170, -48.1570

■ 70.9250, -41.2550,
-50.8150

■ 222.5900,
-41.0290, -32.8770

■ 52.5850, -25.4380,
-45.6140

■ 234.7520,
-32.1370, -17.8090

■ 37.5680, -17.6000,
-33.4720

■ 245.7310,
-18.4760, -6.5720

■ 23.4800, -11.0000,
-20.9200

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 127.4950,
-87.5590, -70.6870

■ 134.5010,
-78.5280, -63.6480

■ 141.3220,
-70.4140, -56.5100

■ 148.3280,
-61.3830, -49.4710

■ 155.3340,
-52.3520, -42.4320

■ 162.4540,
-43.6420, -35.0820

■ 169.1610,
-35.2070, -28.2550

■ 176.1670,
-26.1760, -21.2160

■ 183.1730,
-17.1450, -14.1770

■ 189.9940, -9.0310,
-7.0390

Harmonies

Analogous

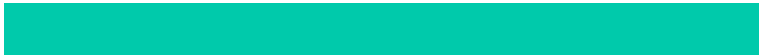
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156.2750, 16.0570, -54.2390



127.4950, -87.5590, -70.6870



138.0680, -110.4410, -52.4650

Triad

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



127.4950, -87.5590, -70.6870



134.1430, -131.0800, -14.3120



157.4640, 84.4950, 27.0790

Complementary

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



127.4950, -87.5590, -70.6870



69.5050, 87.5590, 70.6870

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.



158.7760, 67.0220, 51.9020



127.4950, -87.5590, -70.6870



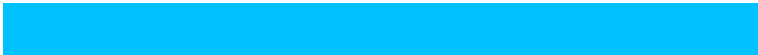
170.5970, -22.2890, 35.0150

Square

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



127.4950, -87.5590, -70.6870



142.9480, -135.2050, -22.1570



175.1430, 38.5480, 61.3320



166.4450, 93.5330, -4.5710

Rectangle

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



127.4950, -87.5590, -70.6870



143.0840, -124.5650, -38.7810



175.1430, 38.5480, 61.3320



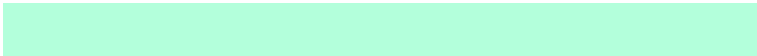
156.2220, 79.7250, 36.4370

Sweetspot

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



127.4950, -87.5590, -70.6870



228.1720, -33.7400, -27.3080



144.0440, 2.4450, -82.8910



111.7380, -20.3540, -16.5940



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.



127.4950, -87.5590, -70.6870



164.9610, -113.1390, -91.6910



136.3360, -116.5870, -40.1950



95.8530, -4.0800, -3.1520



105.4850, -72.4310, -58.5030



23.2980, -15.9990, -12.9190

Inverse Universe

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



69.5050, 87.5590, 70.6870



90.0390, 113.1390, 91.6910



60.6640, 116.5870, 40.1950



93.1470, 4.0800, 3.1520



57.5150, 72.4310, 58.5030



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 127.4950, -87.5590, -70.6870 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 127.4950, -87.5590, -70.6870 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 127.4950, -87.5590, -70.6870 Background



This preview shows how black text looks on a background with the YIQ color 127.4950, -87.5590, -70.6870.



This preview shows how white text looks on a background with the YIQ color 127.4950, -87.5590, -70.6870.

-70.6870.

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

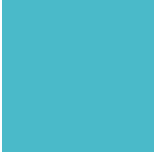
127.4950, -87.5590, -70.6870

Protanopia

166.4190, 34.5280, -20.0320

Deuteranopia

169.4450, 40.8070, -7.1690



Tritanopia

154.2220, -71.5670, -19.0790

Trichromacy



Original Color

127.4950, -87.5590, -70.6870



Protanomaly

152.4130, -10.0340, -38.4340



Deuteranomaly

154.0210, -5.6340, -30.0660



Tritanomaly

144.5070, -77.5240, -37.7800

Monochromacy



Original Color

127.4950, -87.5590, -70.6870



Achromatopsia

128.0000, -0.0000, -0.0000



Achromatomaly

127.5960, -31.9980, -25.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.4950, -87.5590, -70.6870 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(0, 197, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 104)  
}
```

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(0, 197, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 104) }
```

Border

The CSS property to change the border of an element to YIQ 127.4950, -87.5590, -70.6870 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(0, 197, 104) }
```


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

```
.border{ border-color:rgb(0, 197, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 127.4950, -87.5590, -70.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 104) }
```

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

```
.background{ background-color: rgb(0, 197,  
104) }
```

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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