

Converting Colors

YIQ(127.0440, -76.6440,
-86.7880)

Have a look what the booklet for
YIQ(127.0440, -76.6440, -86.7880)
contains.

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Color

**YIQ(127.0440, -76.6440,
-86.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC40
RGB	0, 204, 64
RGB Percent	0%, 80%, 25%
CMY	1.0000, 0.1997, 0.7492
CMYK	1.00, 0.00, 0.69, 0.20
HSL	139°, 100%, 40%
HSV	139°, 100%, 80%
XYZ	22.5372, 43.5959, 12.0701
YIQ	127.0440, -76.6440, -86.7880

Conversions

Conversions Part 2

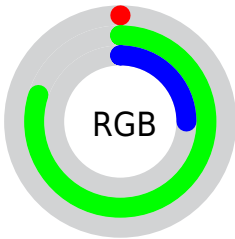
Format	Color
RYB	0, 155, 204
Decimal	52288
CIELab	71.96, -69.65, 55.58
CIELCh	72, 89.108, 141.414
Yxy	43.5959, 0.2882, 0.5575
Android (android.graphics.Color)	4278242368 (0xFF00CC40)
YUV	127.0440, -31.0807, -111.4176
Hunter-Lab	66.0272, -54.6200, 35.3806

Details

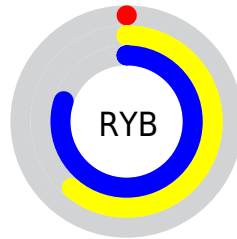
The YIQ color **127.0440, -76.6440, -86.7880** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **76.9560, 76.6440, 86.7880**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.9340, -46.6150, -74.8310**, and **86.8760, -40.7000, -77.4040** is the 20% darker color. If you saturate the color by 10%, you get **127.0440, -76.6440, -86.7880**, and if you desaturate by 10%, it is **134.6200, -69.2180, -78.1940**.

Distribution



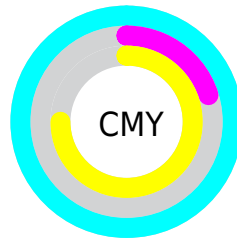
- Red (0%)
- Green (80%)
- Blue (25%)



- Red (0%)
- Yellow (61%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0440, -76.6440, -86.7880 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 127.0440, -76.6440, -86.7880 by changing the saturation by 10% instead.

■ 127.0440,
-76.6440, -86.7880

■ 127.0440,
-76.6440, -86.7880

■ 255.0000, -0.0000,
-0.0000

■ 107.3020,
-59.6350, -81.1630

■ 193.9340,
-46.6150, -74.8310

■ 86.8760, -40.7000,
-77.4040

■ 206.9930,
-35.9350, -59.1270

■ 71.0270, -33.2750,
-63.2830

■ 219.6390,
-25.5300, -43.9460

■ 55.7650, -26.1250,
-49.6850

■ 232.2140,
-16.3630, -28.3550

■ 40.5030, -18.9750,
-36.0870

■ 244.7890, -7.1960,
-12.7640

■ 26.4150, -12.3750,
-23.5350

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 127.0440,
-76.6440, -86.7880

■ 134.6200,
-69.2180, -78.1940

■ 142.4950,
-61.1960, -69.3880

■ 150.0710,
-53.7700, -60.7940

■ 157.9460,
-45.7480, -51.9880

■ 165.5220,
-38.3220, -43.3940

■ 173.0980,
-30.8960, -34.8000

■ 180.9730,
-22.8740, -25.9940

■ 188.5490,
-15.4480, -17.4000

■ 196.4240, -7.4260,
-8.5940

Harmonies

Analogous

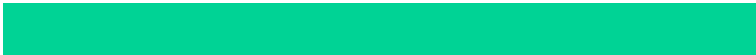
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.1740, 40.7260, -66.2980



127.0440, -76.6440, -86.7880



140.8430, -105.8540, -64.0140

Triad

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



127.0440, -76.6440, -86.7880



142.3610, -134.9300, -21.6340



142.3960, 88.3430, 45.4550

Complementary

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



127.0440, -76.6440, -86.7880



76.9560, 76.6440, 86.7880

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.



149.2820, 63.4420, 72.7380



127.0440, -76.6440, -86.7880



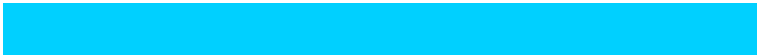
160.3100, -58.6900, 17.3900

Square

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



127.0440, -76.6440, -86.7880



151.1660, -139.0550, -29.4790



176.6080, 33.0450, 67.4530



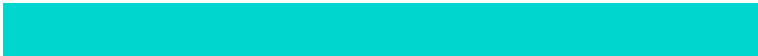
156.3970, 102.6560, 0.8000

Rectangle

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



127.0440, -76.6440, -86.7880



148.5150, -124.7010, -47.3330



176.6080, 33.0450, 67.4530



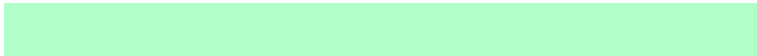
141.3650, 81.6010, 57.5130

Sweetspot

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



127.0440, -76.6440, -86.7880



226.2340, -28.2830, -32.5950



162.5050, 29.1280, -76.3760



110.5980, -17.1440, -19.7040



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.



127.0440, -76.6440, -86.7880



158.8050, -95.8050, -108.4850



138.3300, -108.4230, -55.9990



98.2120, -3.7130, -4.2970



103.3700, -62.3420, -70.6460



23.6740, -14.3020, -16.1420

Inverse Universe

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



76.9560, 76.6440, 86.7880



96.1950, 95.8050, 108.4850



65.6700, 108.4230, 55.9990



95.7880, 3.7130, 4.2970



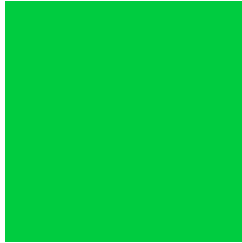
62.6300, 62.3420, 70.6460



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 127.0440, -76.6440, -86.7880 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 127.0440, -76.6440, -86.7880 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 127.0440, -76.6440, -86.7880 Background



This preview shows how black text looks on a background with the YIQ color 127.0440, -76.6440, -86.7880.



This preview shows how white text looks on a background with the YIQ color 127.0440, -76.6440, -86.7880.

-86.7880.

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

127.0440, -76.6440, -86.7880

Protanopia

167.7130, 50.7150, -32.5570

Deuteranopia

171.1030, 58.9650, -16.8670



Tritanopia

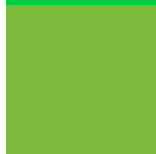
160.4180, -69.1830, -18.2310

Trichromacy



Original Color

127.0440, -76.6440, -86.7880



Protanomaly

153.2830, 4.4110, -52.4290



Deuteranomaly

155.1300, 9.6360, -42.4920



Tritanomaly

148.4550, -71.7460, -43.3780

Monochromacy



Original Color

127.0440, -76.6440, -86.7880



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.0600, -27.7330, -31.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0440, -76.6440, -86.7880 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, 204, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 64)  
}
```

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, 204, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 64) }
```

Border

The CSS property to change the border of an element to YIQ 127.0440, -76.6440, -86.7880 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, 204, 64) }
```


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

```
.border{ border-color:rgb(0, 204, 64) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 64);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 127.0440, -76.6440, -86.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 64) }
```

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

```
.background{ background-color: rgb(0, 204,  
64) }
```

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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