

# Converting Colors

YIQ(126.0270, -43.5840,  
-102.2400)

Have a look what the booklet for  
YIQ(126.0270, -43.5840, -102.2400)  
contains.

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# Color

**YIQ(126.0270, -43.5840,  
-102.2400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15CC00
RGB	21, 204, 0
RGB Percent	8%, 80%, 0%
CMY	0.9182, 0.1997, 0.9999
CMYK	0.90, 0.00, 1.00, 0.20
HSL	114°, 100%, 40%
HSV	114°, 100%, 80%
XYZ	21.9173, 43.3799, 7.2180
YIQ	126.0270, -43.5840, -102.2400

# Conversions

## Conversions Part 2

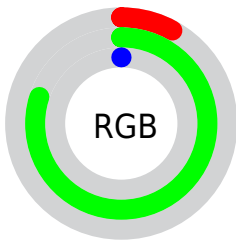
Format	Color
<a href="#">RYB</a>	<a href="#">0, 204, 183</a>
Decimal	<a href="#">1428480</a>
CIELab	<a href="#">71.81, -71.89, 70.46</a>
CIELCh	<a href="#">72, 100.660, 135.577</a>
Yxy	<a href="#">43.3799, 0.3022, 0.5982</a>
Android (android.graphics.Color)	<a href="#">4279618560 (0xFF15CC00)</a>
YUV	<a href="#">126.0270, -62.1313, -92.1087</a>
Hunter-Lab	<a href="#">65.8634, -55.8619, 39.6068</a>

# Details

The YIQ color **126.0270, -43.5840, -102.2400** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **77.9730, 43.5840, 102.2400**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.8090, -30.5660, -84.8540**, and **86.8760, -40.7000, -77.4040** is the 20% darker color. If you saturate the color by 10%, you get **126.0270, -43.5840, -102.2400**, and if you desaturate by 10%, it is **133.6890, -39.2760, -92.2040**.

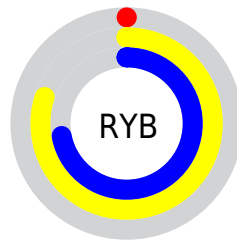
# Distribution



Red (8%)

Green (80%)

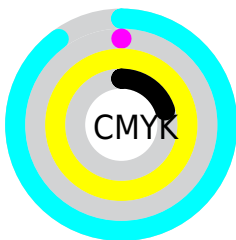
Blue (0%)



Red (0%)

Yellow (80%)

Blue (72%)

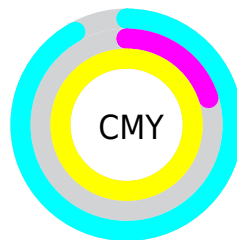


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (92%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0270, -43.5840, -102.2400 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 126.0270, -43.5840, -102.2400 by changing the saturation by 10% instead.



■ 126.0270,  
-43.5840, -102.2400

■ 126.0270,  
-43.5840, -102.2400

■ 255.0000, -0.0000,  
-0.0000

■ 103.3120,  
-48.4000, -92.0480

■ 191.8090,  
-30.5660, -84.8540

■ 86.8760, -40.7000,  
-77.4040

■ 204.6830,  
-20.8030, -69.0510

■ 71.0270, -33.2750,  
-63.2830

■ 217.5570,  
-11.0400, -53.2480

■ 55.7650, -26.1250,  
-49.6850

■ 230.1320, -1.8730,  
-37.6570

■ 40.5030, -18.9750,  
-36.0870

■ 243.0060, 7.8900,  
-21.8540

■ 26.4150, -12.3750,  
-23.5350

■ 251.6940, 9.3090,

■ 7.0440, -3.3000,

-9.0190

-6.2760

■ 0.0000, 0.0000,  
0.0000

■ 126.0270,  
-43.5840, -102.2400

■ 133.6890,  
-39.2760, -92.2040

■ 141.7640,  
-34.6930, -81.6450

■ 149.4260,  
-30.3850, -71.6090

■ 157.2020,  
-26.3980, -61.2620

■ 164.8640,  
-22.0900, -51.2260

■ 172.8250,  
-17.1860, -40.9780

■ 180.6010,  
-13.1990, -30.6310

■ 188.2630, -8.8910,  
-20.5950

■ 196.3380, -4.3080,  
-10.0360

# Harmonies

## Analogous

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



160.0010, 48.7030, -62.1850



126.0270, -43.5840, -102.2400



138.9220, -99.0670, -71.3790

# Triad

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



126.0270, -43.5840, -102.2400



146.4700, -136.8550, -25.2950



121.3440, 95.2620, 68.7500

# Complementary

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



126.0270, -43.5840, -102.2400



77.9730, 43.5840, 102.2400

# 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.



138.7620, 62.7510, 90.7750



126.0270, -43.5840, -102.2400



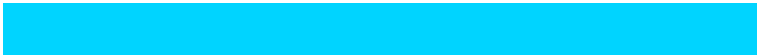
129.4470, -128.8800, -10.1280

# Square

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



126.0270, -43.5840, -102.2400



153.5140, -140.1550, -31.5710



172.7210, 25.2970, 64.6970



144.3150, 109.1190, 10.3270



# Rectangle

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



126.0270, -43.5840, -102.2400



147.9790, -120.4360, -53.0440



172.7210, 25.2970, 64.6970



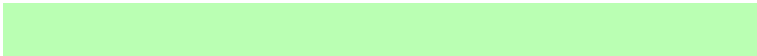
118.3070, 88.6570, 83.8330

# Sweetspot

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



126.0270, -43.5840, -102.2400



225.7050, -16.7280, -38.2640



166.6560, 72.0840, -50.8920



110.1980, -10.2660, -23.2100



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.



126.0270, -43.5840, -102.2400



157.4590, -54.6290, -127.8530



128.6400, -81.1380, -82.4340



98.1690, -2.1540, -5.0180



102.5250, -35.5180, -83.2140



23.5020, -8.0660, -19.0260



# Inverse Universe

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



77.9730, 43.5840, 102.2400



97.5410, 54.6290, 127.8530



75.3600, 81.1380, 82.4340



95.8310, 2.1540, 5.0180



63.4750, 35.5180, 83.2140

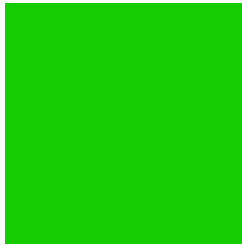


14.4980, 8.0660, 19.0260



# Previews

## White Background



This preview shows how the YIQ color 126.0270, -43.5840, -102.2400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

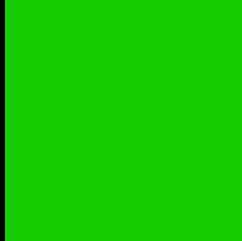
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 126.0270, -43.5840, -102.2400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

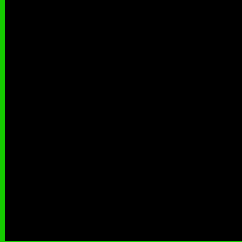
Any Text WCAG AA ✓ Pass

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 126.0270, -43.5840, -102.2400 Background



This preview shows how black text looks on a background with the YIQ color 126.0270, -43.5840, -102.2400.



This preview shows how white text looks on a background with the YIQ color 126.0270, -43.5840, -102.2400.



# 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

126.0270, -43.5840, -102.2400

### Protanopia

161.6280, 69.2870, -49.7610

### Deuteranopia

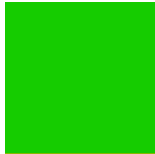
167.3520, 71.0250, -26.1830



## Tritanopia

160.9130, -66.2030, -17.1710

# Trichromacy



## Original Color

126.0270, -43.5840, -102.2400



## Protanomaly

148.9490, 28.1180, -69.0820



## Deuteranomaly

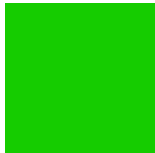
152.2180, 29.3990, -53.7450



## Tritanomaly

148.1220, -57.8070, -48.1990

# Monochromacy



## Original Color

126.0270, -43.5840, -102.2400



## Achromatopsia

126.0000, 0.0000, 0.0000



## Achromatomaly

125.8300, -15.5820, -37.0060

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.0270, -43.5840, -102.2400 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(21, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(21, 204, 0)  
}
```

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(21, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 204, 0) }
```

## Border

The CSS property to change the border of an element to YIQ 126.0270, -43.5840, -102.2400 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(21, 204, 0) }
```



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

```
.border{ border-color:rgb(21, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(21, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(21, 204, 0)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 126.0270, -43.5840, -102.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 204, 0) }
```

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

```
.background{ background-color: rgb(21, 204,  
0) }
```

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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