

Converting Colors

YIQ(126.0030, -43.0360,
-90.1400)

Have a look what the booklet for
YIQ(126.0030, -43.0360, -90.1400)
contains.

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Color

**YIQ(126.0030, -43.0360,
-90.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	1DC414
RGB	29, 196, 20
RGB Percent	11%, 77%, 8%
CMY	0.8868, 0.2311, 0.9216
CMYK	0.85, 0.00, 0.90, 0.23
HSL	117°, 81%, 42%
HSV	117°, 90%, 77%
XYZ	20.3849, 39.8211, 7.2733
YIQ	126.0030, -43.0360, -90.1400

Conversions

Conversions Part 2

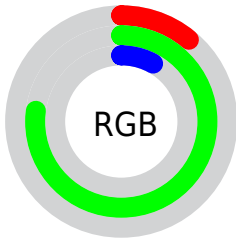
Format	Color
RYB	20, 196, 187
Decimal	1950740
CIELab	69.34, -68.56, 65.99
CIElCh	69, 95.161, 136.095
Yxy	39.8211, 0.3021, 0.5901
Android (android.graphics.Color)	4280140820 (0xFF1DC414)
YUV	126.0030, -52.2595, -85.0716
Hunter-Lab	63.1040, -52.7699, 37.3391

Details

The YIQ color **126.0030, -43.0360, -90.1400** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **89.9970, 43.0360, 90.1400**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.7920, -31.8960, -82.7760**, and **82.1800, -38.5000, -73.2200** is the 20% darker color. If you saturate the color by 10%, you get **118.0420, -47.9400, -100.3880**, and if you desaturate by 10%, it is **133.6650, -38.7280, -80.1040**.

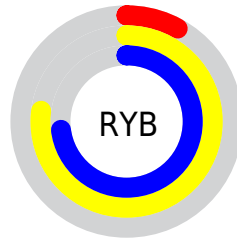
Distribution



Red (11%)

Green (77%)

Blue (8%)



Red (8%)

Yellow (77%)

Blue (73%)

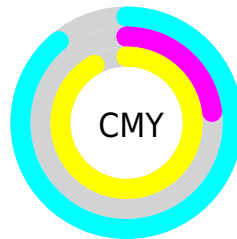


Cyan (85%)

Magenta (0%)

Yellow (90%)

Black (23%)



Cyan (89%)


Magenta (23%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.0030, -43.0360, -90.1400 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 126.0030, -43.0360, -90.1400 by changing the saturation by 10% instead.


 126.0030,
-43.0360, -90.1400


 126.0030,
-43.0360, -90.1400


 255.0000, -0.0000,
-0.0000


 98.6160, -46.2000,
-87.8640


 191.7920,
-31.8960, -82.7760


 82.7670, -38.7750,
-73.7430


 205.2530,
-22.4080, -67.4960

 66.9180, -31.3500,
-59.6220


 217.7140,
-12.9200, -52.2160

 51.6560, -24.2000,
-46.0240

 230.1750, -3.4320,
-36.9360

 36.9810, -17.3250,
-32.9490

 242.7500, 5.7350,
-21.3450

 22.3060, -10.4500,
-19.8740

 252.0360, 8.3460,

 0.0000, 0.0000,

-8.0860

0.0000

■ 126.0030,
-43.0360, -90.1400

■ 126.0030,
-43.0360, -90.1400

■ 118.0420,
-47.9400, -100.3880

■ 133.6650,
-38.7280, -80.1040

■ 141.5120,
-33.5030, -70.1670

■ 149.4730,
-28.5990, -59.9190

■ 157.0210,
-23.9700, -50.1940

■ 164.9820,
-19.0660, -39.9460

■ 172.9430,
-14.1620, -29.6980

■ 180.4910, -9.5330,
-19.9730

■ 188.4520, -4.6290,
-9.7250

■ 196.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



153.7990, 46.4560, -60.0080



126.0030, -43.0360, -90.1400



133.9980, -96.2250, -67.8170

Triad

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



126.0030, -43.0360, -90.1400



141.1870, -134.3800, -20.5880



125.3560, 94.9880, 62.7000

Complementary

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



126.0030, -43.0360, -90.1400



89.9970, 43.0360, 90.1400

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.



139.8560, 65.1820, 85.2620



126.0030, -43.0360, -90.1400



125.3380, -126.9550, -6.4670

Square

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



126.0030, -43.0360, -90.1400



148.8180, -137.9550, -27.3870



167.6820, 21.0330, 64.8810



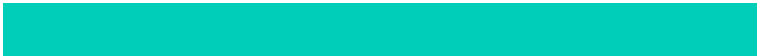
143.8420, 109.0730, 11.1610

Rectangle

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



126.0030, -43.0360, -90.1400



142.0120, -116.0350, -50.2030



167.6820, 21.0330, 64.8810



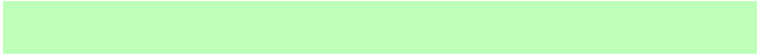
123.9660, 87.8790, 75.9030

Sweetspot

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



126.0030, -43.0360, -90.1400



227.6990, -16.5910, -35.2390



168.8920, 59.7960, -48.4600



111.6650, -10.0830, -21.0190



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.



126.0030, -43.0360, -90.1400



153.5720, -62.3770, -130.6090



131.9760, -72.7960, -68.4120



93.1690, -2.1540, -5.0180



96.8990, -39.5070, -82.5070



19.9690, -7.8830, -16.8350

Inverse Universe

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



89.9970, 43.0360, 90.1400



101.4280, 62.3770, 130.6090



84.0240, 72.7960, 68.4120



90.8310, 2.1540, 5.0180



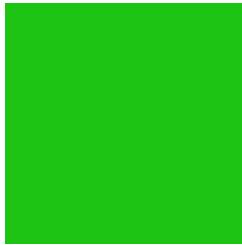
64.1010, 39.5070, 82.5070



13.0310, 7.8830, 16.8350

Previews

White Background



This preview shows how the YIQ color 126.0030, -43.0360, -90.1400 looks on a white background.

Color Contrast Check

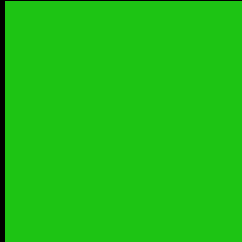
Large Text (above 18pt) WCAG AA × Fail

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 126.0030, -43.0360, -90.1400 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 126.0030, -43.0360, -90.1400 Background



This preview shows how black text looks on a background with the YIQ color 126.0030, -43.0360, -90.1400.



This preview shows how white text looks on a background with the YIQ color 126.0030, -43.0360, -90.1400.

-90.1400.

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

126.0030, -43.0360, -90.1400

Protanopia

155.5830, 65.1600, -46.5520

Deuteranopia

161.6660, 67.2650, -24.1190



Tritanopia

155.0060, -62.0310, -15.6870

Trichromacy



Original Color

126.0030, -43.0360, -90.1400



Protanomaly

144.7950, 25.9160, -62.2120



Deuteranomaly

148.5370, 27.2430, -47.7090



Tritanomaly

144.3660, -55.3780, -42.6580

Monochromacy



Original Color

126.0030, -43.0360, -90.1400



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.7640, -15.2160, -32.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0030, -43.0360, -90.1400 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(29, 196, 20)` looks like.

```
.text, #text, p{  
    color:rgb(29, 196, 20)  
}
```

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(29, 196, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 196, 20) }
```

Border

The CSS property to change the border of an element to YIQ 126.0030, -43.0360, -90.1400 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(29, 196, 20) }
```


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

```
.border{ border-color:rgb(29, 196, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 196, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 196, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 196, 20);  
box-shadow:4px 4px 4px 4px rgb(29, 196,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0030, -43.0360, -90.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 196, 20) }
```

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

```
.background{ background-color: rgb(29, 196,  
20) }
```

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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