

Converting Colors

YIQ(156.7260, -110.6190,
-82.2910)

Have a look what the booklet for
YIQ(156.7260, -110.6190, -82.2910)
contains.

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Color

**YIQ(156.7260, -110.6190,
-82.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	00F08B
RGB	0, 240, 139
RGB Percent	0%, 94%, 55%
CMY	0.9999, 0.0584, 0.4553
CMYK	1.00, 0.00, 0.42, 0.06
HSL	155°, 100%, 47%
HSV	155°, 100%, 94%
XYZ	35.8432, 64.2408, 34.9015
YIQ	156.7260, -110.6190, -82.2910

Conversions

Conversions Part 2

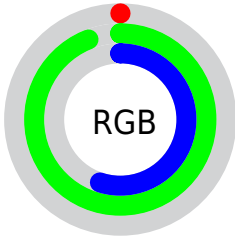
Format	Color
RYB	0, 152, 240
Decimal	61579
CIELab	84.09, -70.19, 35.70
CIELCh	84, 78.745, 153.044
Yxy	64.2408, 0.2655, 0.4759
Android (android.graphics.Color)	4278251659 (0xFF00F08B)
YUV	156.7260, -8.7389, -137.4487
Hunter-Lab	80.1504, -60.4381, 30.2875

Details

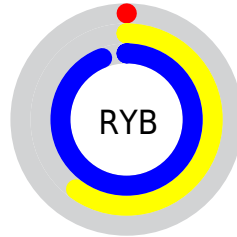
The YIQ color **156.7260, -110.6190, -82.2910** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark saturated spring green. A complement of this color would be **83.2740, 110.6190, 82.2910**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.8760, -65.9220, -49.8100**, and **116.7520, -77.9770, -68.1290** is the 20% darker color. If you saturate the color by 10%, you get **156.7260, -110.6190, -82.2910**, and if you desaturate by 10%, it is **165.0420, -99.5250, -74.0930**.

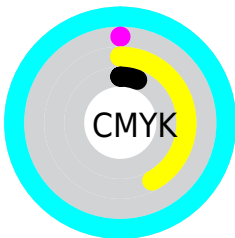
Distribution



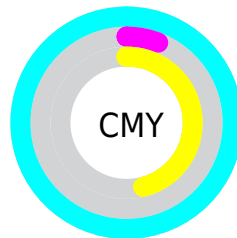
- Red (0%)
- Green (94%)
- Blue (55%)



- Red (0%)
- Yellow (60%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.7260, -110.6190, -82.2910 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 156.7260, -110.6190, -82.2910 by changing the saturation by 10% instead.

■ 156.7260,
-110.6190, -82.2910

■ 156.7260,
-110.6190, -82.2910

■ 255.0000, -0.0000,
-0.0000

■ 136.7390,
-94.2980, -75.2100

■ 204.8760,
-65.9220, -49.8100

■ 116.7520,
-77.9770, -68.1290

■ 218.3480,
-54.9670, -33.5830

■ 97.5800, -62.5730,
-60.9490

■ 231.4070,
-44.2870, -17.8790

■ 78.8810, -47.1230,
-54.6030

■ 241.5450,
-26.8200, -9.5400

■ 60.6550, -31.6270,
-49.0910

■ 251.1130, -7.7480,
-2.7560

■ 44.0250, -20.6250,
-39.2250

■ 29.9370, -14.0250,

-26.6730

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 156.7260,
-110.6190, -82.2910

■ 165.0420,
-99.5250, -74.0930

■ 173.3580,
-88.4310, -65.8950

■ 181.6740,
-77.3370, -57.6970

■ 189.9900,
-66.2430, -49.4990

■ 198.4200,
-55.4700, -40.9900

■ 206.7360,
-44.3760, -32.7920

■ 215.0520,
-33.2820, -24.5940

■ 223.3680,
-22.1880, -16.3960

■ 231.6840,
-11.0940, -8.1980

Harmonies

Analogous

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



192.1940, 11.6110, -61.7730



156.7260, -110.6190, -82.2910



168.3250, -136.3900, -61.2700

Triad

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



156.7260, -110.6190, -82.2910



155.8620, -141.2550, -33.6630



180.0440, 67.7620, 16.4500

Complementary

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



156.7260, -110.6190, -82.2910



83.2740, 110.6190, 82.2910

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.



180.6210, 48.2250, 45.6410



156.7260, -110.6190, -82.2910



204.9180, -1.5640, 28.3560

Square

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



156.7260, -110.6190, -82.2910



167.0150, -146.4800, -43.6000



196.3000, 27.5000, 52.3000



190.8140, 78.7720, -17.9000

Rectangle

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



156.7260, -110.6190, -82.2910



172.8850, -149.2300, -48.8300



196.3000, 27.5000, 52.3000



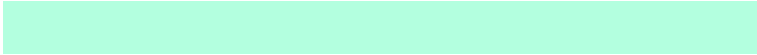
178.5570, 62.3040, 27.2640

Sweetspot

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



156.7260, -110.6190, -82.2910



228.6280, -35.0240, -26.0640



171.9760, -4.0160, -103.4720



111.9660, -20.9960, -15.9720



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.



156.7260, -110.6190, -82.2910



166.5570, -117.6330, -87.3370



158.8480, -138.6400, -42.5120



115.8420, -5.5470, -4.0990



120.0920, -84.6260, -63.2660



36.5200, -25.6720, -19.3360

Inverse Universe

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



83.2740, 110.6190, 82.2910



88.4430, 117.6330, 87.3370



81.1520, 138.6400, 42.5120



112.1580, 5.5470, 4.0990



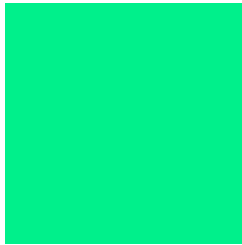
63.7940, 84.9470, 62.9550



19.4800, 25.6720, 19.3360

Previews

White Background



This preview shows how the YIQ color 156.7260, -110.6190, -82.2910 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 156.7260, -110.6190, -82.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

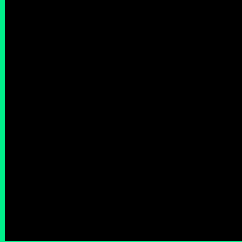
Any Text WCAG AA ✓ Pass

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 156.7260, -110.6190, -82.2910 Background



This preview shows how black text looks on a background with the YIQ color 156.7260, -110.6190, -82.2910.

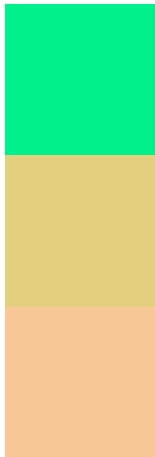


This preview shows how white text looks on a background with the YIQ color 156.7260, -110.6190, -82.2910.

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

156.7260, -110.6190, -82.2910

Protanopia

204.3330, 37.6460, -21.4740

Deuteranopia

207.6520, 44.6580, -5.3740



Tritanopia

188.1920, -89.2180, -24.0820

Trichromacy



Original Color

156.7260, -110.6190, -82.2910



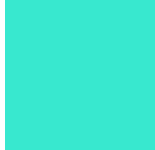
Protanomaly

187.1300, -16.7270, -43.7910



Deuteranomaly

189.0910, -11.8230, -33.5430



Tritanomaly

176.5260, -96.8710, -45.0870

Monochromacy



Original Color

156.7260, -110.6190, -82.2910



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

156.7690, -39.9750, -29.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.7260, -110.6190, -82.2910 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, 240, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 139)  
}
```

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, 240, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 139) }
```

Border

The CSS property to change the border of an element to YIQ 156.7260, -110.6190, -82.2910 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, 240, 139) }
```


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

```
.border{ border-color:rgb(0, 240, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 240,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 156.7260, -110.6190, -82.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 139) }
```

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

```
.background{ background-color: rgb(0, 240,  
139) }
```

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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