

Converting Colors

YIQ(163.1850, -107.9580,
-91.9740)

Have a look what the booklet for
YIQ(163.1850, -107.9580, -91.9740)
contains.

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Color

**YIQ(163.1850, -107.9580,
-91.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	03FC7E
RGB	3, 252, 126
RGB Percent	1%, 99%, 49%
CMY	0.9888, 0.0113, 0.5062
CMYK	0.99, 0.00, 0.50, 0.01
HSL	150°, 98%, 50%
HSV	150°, 99%, 99%
XYZ	38.6390, 71.2088, 31.4183
YIQ	163.1850, -107.9580, -91.9740

Conversions

Conversions Part 2

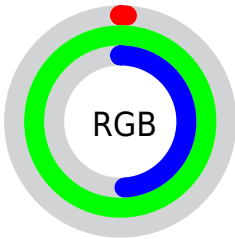
Format	Color
RYB	3, 170, 252
Decimal	261246
CIELab	87.59, -76.10, 46.44
CIELCh	88, 89.146, 148.608
Yxy	71.2088, 0.2735, 0.5041
Android (android.graphics.Color)	4278451326 (0xFF03FC7E)
YUV	163.1850, -18.3322, -140.4822
Hunter-Lab	84.3853, -65.9412, 36.9949

Details

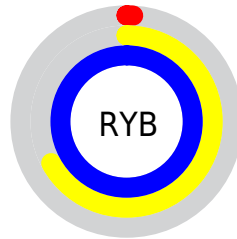
The YIQ color **163.1850, -107.9580, -91.9740** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **91.8150, 107.9580, 91.9740**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.7040, -59.6860, -52.6940**, and **122.3140, -77.1040, -78.4480** is the 20% darker color. If you saturate the color by 10%, you get **162.0600, -109.1040, -93.2320**, and if you desaturate by 10%, it is **172.1420, -97.2310, -82.6310**.

Distribution



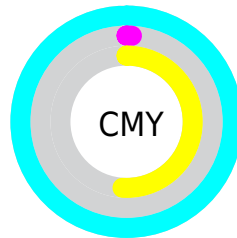
- Red (1%)
- Green (99%)
- Blue (49%)



- Red (1%)
- Yellow (67%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1850, -107.9580, -91.9740 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 163.1850, -107.9580, -91.9740 by changing the saturation by 10% instead.

■ 163.1850,
-107.9580, -91.9740

■ 163.1850,
-107.9580, -91.9740

■ 255.0000, -0.0000,
-0.0000

■ 142.1870,
-93.1040, -85.8400

■ 204.7040,
-59.6860, -52.6940

■ 122.2000,
-76.7830, -78.7590

■ 218.3610,
-47.8140, -36.5660

■ 102.2130,
-60.4620, -71.6780

■ 231.5340,
-37.4550, -20.5510

■ 83.0580, -43.7280,
-66.5760

■ 243.0400,
-23.8400, -8.4800

■ 65.1570, -30.5250,
-58.0530

■ 252.6080, -4.7680,
-1.6960

■ 49.3080, -23.1000,
-43.9320

■ 35.2200, -16.5000,

-31.3800

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 163.1850,
-107.9580, -91.9740

■ 163.1850,
-107.9580, -91.9740

■ 162.0600,
-109.1040, -93.2320

■ 172.1420,
-97.2310, -82.6310

■ 180.9850,
-86.1830, -73.5990

■ 189.9420,
-75.4560, -64.2560

■ 199.1980,
-64.1330, -54.7010

■ 208.1550,
-53.4060, -45.3580

■ 216.9980,
-42.3580, -36.3260

■ 225.9550,
-31.6310, -26.9830

■ 235.2110,
-20.3080, -17.4280

■ 244.1680, -9.5810,
-8.0850

Harmonies

Analogous

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



199.1830, 27.3390, -71.4850



163.1850, -107.9580, -91.9740



173.9670, -138.4980, -67.1220

Triad

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



163.1850, -107.9580, -91.9740



164.6670, -145.3800, -41.5080



178.3630, 65.6060, 22.4860

Complementary

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



163.1850, -107.9580, -91.9740



91.8150, 107.9580, 91.9740

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.



180.7810, 42.2630, 54.5750



163.1850, -107.9580, -91.9740



208.3740, -12.0160, 19.5360

Square

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



163.1850, -107.9580, -91.9740



175.8200, -150.6050, -51.4450



198.6480, 26.4000, 50.2080



190.4720, 79.7350, -18.8330

Rectangle

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



163.1850, -107.9580, -91.9740



178.7550, -151.9800, -54.0600



198.6480, 26.4000, 50.2080



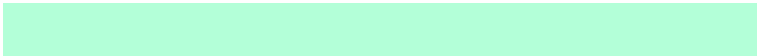
176.1580, 59.4140, 35.5900

Sweetspot

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



163.1850, -107.9580, -91.9740



227.8300, -32.7770, -28.2410



187.7340, 8.4090, -102.8790



111.5100, -19.7120, -17.2160



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.



163.1850, -107.9580, -91.9740



164.0490, -110.5710, -94.1790



177.0930, -147.1200, -54.0320



120.4290, -5.8220, -4.6220



121.5450, -81.8280, -69.9240



39.2270, -26.4050, -22.5730

Inverse Universe

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



91.8150, 107.9580, 91.9740



90.9510, 110.5710, 94.1790



77.9070, 147.1200, 54.0320



116.6850, 5.5010, 4.9330



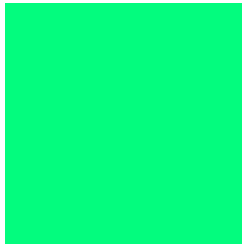
67.4550, 81.8280, 69.9240



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 163.1850, -107.9580, -91.9740 looks on a white background.

Color Contrast Check

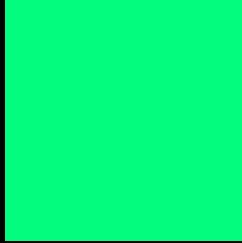
Large Text (above 18pt) WCAG AA × Fail

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 163.1850, -107.9580, -91.9740 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 163.1850, -107.9580, -91.9740 Background



This preview shows how black text looks on a background with the YIQ color 163.1850, -107.9580, -91.9740.

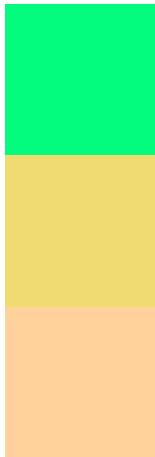


This preview shows how white text looks on a background with the YIQ color 163.1850, -107.9580, -91.9740.

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

163.1850, -107.9580, -91.9740

Protanopia

212.7220, 46.4960, -27.6800

Deuteranopia

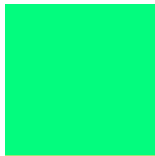
216.5980, 44.7500, -7.0420



Tritanopia

200.4810, -82.6620, -21.7500

Trichromacy



Original Color

163.1850, -107.9580, -91.9740



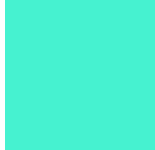
Protanomaly

194.5080, -9.3440, -50.9440



Deuteranomaly

197.2280, -10.9510, -38.3350



Tritanomaly

186.6960, -91.5980, -47.0380

Monochromacy



Original Color

163.1850, -107.9580, -91.9740



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.9600, -39.1950, -33.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1850, -107.9580, -91.9740 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(3, 252, 126)` looks like.

```
.text, #text, p{  
    color:rgb(3, 252, 126)  
}
```

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(3, 252, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 252, 126) }
```

Border

The CSS property to change the border of an element to YIQ 163.1850, -107.9580, -91.9740 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(3, 252, 126) }
```


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

```
.border{ border-color:rgb(3, 252, 126) }
```

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

Here you see how a box with a 4 pixel rgb(3, 252, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 252, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 252, 126);  
box-shadow:4px 4px 4px 4px rgb(3, 252,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1850, -107.9580, -91.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 252, 126) }
```

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

```
.background{ background-color: rgb(3, 252,  
126) }
```

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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