

Converting Colors

YIQ(171.4700, -112.7740,
-81.7820)

Have a look what the booklet for
YIQ(171.4700, -112.7740, -81.7820)
contains.

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Color

**YIQ(171.4700, -112.7740,
-81.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	0DFF9D
RGB	13, 255, 157
RGB Percent	5%, 100%, 62%
CMY	0.9496, 0.0000, 0.3847
CMYK	0.95, 0.00, 0.38, 0.00
HSL	156°, 100%, 53%
HSV	156°, 95%, 100%
XYZ	42.0013, 74.0354, 43.9324
YIQ	171.4700, -112.7740, -81.7820

Conversions

Conversions Part 2

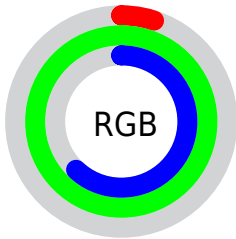
Format	Color
RYB	13, 165, 255
Decimal	917405
CIELab	88.94, -71.48, 33.14
CIELCh	89, 78.792, 155.126
Yxy	74.0354, 0.2626, 0.4628
Android (android.graphics.Color)	4279107485 (0xFF0DFF9D)
YUV	171.4700, -7.1337, -138.9782
Hunter-Lab	86.0438, -63.4440, 29.9583

Details

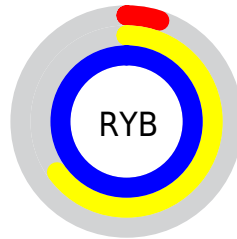
The YIQ color **171.4700, -112.7740, -81.7820** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **96.5300, 112.7740, 81.7820**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.8360, -68.4450, -42.6290**, and **127.6090, -87.8800, -70.3760** is the 20% darker color. If you saturate the color by 10%, you get **167.0130, -118.9170, -86.0930**, and if you desaturate by 10%, it is **180.0850, -101.0840, -73.3720**.

Distribution



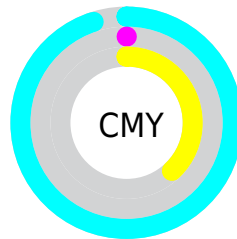
- Red (5%)
- Green (100%)
- Blue (62%)



- Red (5%)
- Yellow (65%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4700, -112.7740, -81.7820 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 171.4700, -112.7740, -81.7820 by changing the saturation by 10% instead.

171.4700,
-112.7740, -81.7820

171.4700,
-112.7740, -81.7820

255.0000, -0.0000,
-0.0000

147.4820,
-103.8800, -77.7680

208.8360,
-68.4450, -42.6290

127.6090,
-87.8800, -70.3760

222.6070,
-56.8940, -26.1900

107.7360,
-71.8800, -62.9840

234.0700,
-41.7200, -14.8400

89.0370, -56.4300,
-56.6380

243.6380,
-22.6480, -8.0560

70.4520, -41.3010,
-49.9810

253.2060, -3.5760,
-1.2720

51.6390, -25.5300,
-43.9460

36.3940, -17.0500,

-32.4260

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,
0.0000

■ 171.4700,
-112.7740, -81.7820

■ 171.4700,
-112.7740, -81.7820

■ 167.0130,
-118.9170, -86.0930

■ 180.0850,
-101.0840, -73.3720

■ 189.1130,
-89.1190, -64.4390

■ 197.7280,
-77.4290, -56.0290

■ 206.6420,
-65.1430, -47.4070

■ 215.3710,
-53.7740, -38.6860

■ 224.2850,
-41.4880, -30.0640

■ 232.9000,
-29.7980, -21.6540

■ 241.9280,
-17.8330, -12.7210

■ 250.5430, -6.1430,
-4.3110

Harmonies

Analogous

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



205.3290, 6.7970, -62.6350



171.4700, -112.7740, -81.7820



176.3610, -145.2390, -60.5910

Triad

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



171.4700, -112.7740, -81.7820



184.7330, -101.0470, -24.4630



190.3480, 60.7940, 10.5700

Complementary

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



171.4700, -112.7740, -81.7820



96.5300, 112.7740, 81.7820

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.



190.3380, 41.5320, 40.2840



171.4700, -112.7740, -81.7820



217.9530, 8.5230, 27.2670

Square

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



171.4700, -112.7740, -81.7820



174.6460, -150.0550, -50.3990



203.3440, 24.2000, 46.0240



200.7590, 71.4370, -22.6350

Rectangle

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



171.4700, -112.7740, -81.7820



178.7550, -151.9800, -54.0600



203.3440, 24.2000, 46.0240



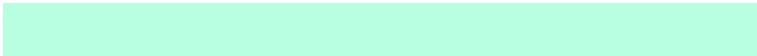
188.2740, 55.6110, 21.9070

Sweetspot

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



171.4700, -112.7740, -81.7820



230.4650, -33.0070, -24.0710



185.2530, -6.3540, -105.1540



112.7920, -20.4460, -14.9260



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.



171.4700, -112.7740, -81.7820



167.0130, -118.9170, -86.0930



170.9020, -138.7320, -40.8440



123.4290, -5.8220, -4.6220



125.1130, -89.1190, -64.4390



41.9000, -29.7980, -21.6540

Inverse Universe

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



96.5300, 112.7740, 81.7820



87.9870, 118.9170, 86.0930



97.0980, 138.7320, 40.8440



119.4570, 6.1430, 4.3110



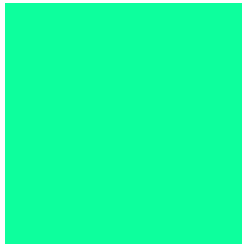
65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 171.4700, -112.7740, -81.7820 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 171.4700, -112.7740, -81.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

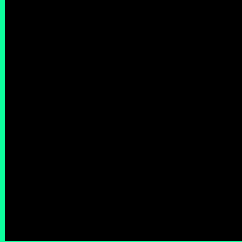
Any Text WCAG AA ✓ Pass

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 171.4700, -112.7740, -81.7820 Background



This preview shows how black text looks on a background with the YIQ color 171.4700, -112.7740, -81.7820.

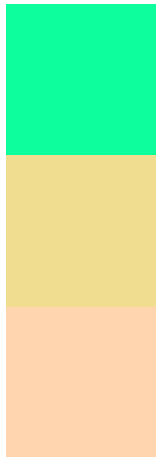


This preview shows how white text looks on a background with the YIQ color 171.4700, -112.7740, -81.7820.

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

171.4700, -112.7740, -81.7820

Protanopia

217.7890, 36.3620, -20.2300

Deuteranopia

221.3400, 36.9090, -2.6030



Tritanopia

207.9340, -70.6960, -18.3440

Trichromacy



Original Color

171.4700, -112.7740, -81.7820



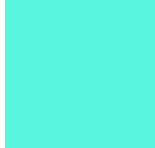
Protanomaly

200.5860, -18.0110, -42.5470



Deuteranomaly

203.0350, -17.4170, -31.2810



Tritanomaly

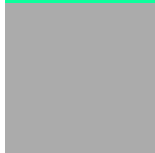
194.7940, -85.8220, -41.5820

Monochromacy



Original Color

171.4700, -112.7740, -81.7820



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

171.2850, -41.4880, -30.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4700, -112.7740, -81.7820 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(13, 255, 157)` looks like.

```
.text, #text, p{  
    color:rgb(13, 255, 157)  
}
```

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(13, 255, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 255, 157) }
```

Border

The CSS property to change the border of an element to YIQ 171.4700, -112.7740, -81.7820 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(13, 255, 157) }
```


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

```
.border{ border-color:rgb(13, 255, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 255, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(13, 255, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(13, 255, 157); box-shadow:4px 4px 4px 4px rgb(13, 255, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4700, -112.7740, -81.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 255, 157) }
```

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

```
.background{ background-color: rgb(13, 255,  
157) }
```

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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