

Converting Colors

YIQ(111.7430, -15.3270,
74.0570)

Have a look what the booklet for
YIQ(111.7430, -15.3270, 74.0570)
contains.

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Color

**YIQ(111.7430, -15.3270,
74.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	8F44FF
RGB	143, 68, 255
RGB Percent	56%, 27%, 100%
CMY	0.4389, 0.7335, 0.0002
CMYK	0.44, 0.73, 0.00, 0.00
HSL	264°, 100%, 63%
HSV	264°, 73%, 100%
XYZ	31.4475, 17.1935, 96.2247
YIQ	111.7430, -15.3270, 74.0570

Conversions

Conversions Part 2

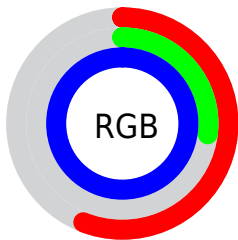
Format	Color
R _Y B	143, 68, 255
Decimal	9389311
CIE Lab	48.50, 67.79, -80.72
CIE LCh	49, 105.408, 310.026
Yxy	17.1935, 0.2171, 0.1187
Android (android.graphics.Color)	4287579391 (0xFF8F44FF)
YUV	111.7430, 70.6257, 27.4124
Hunter-Lab	41.4650, 62.8126, -108.5643

Details

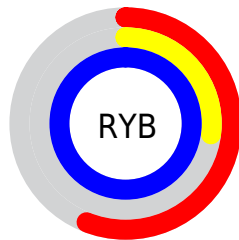
The YIQ color **111.7430, -15.3270, 74.0570** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **211.2570, 15.3270, -74.0570**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2670, 5.9040, 58.2240**, and **46.3780, -15.5570, 78.2270** is the 20% darker color. If you saturate the color by 10%, you get **91.9960, -17.1170, 84.4750**, and if you desaturate by 10%, it is **130.9030, -13.2620, 64.1620**.

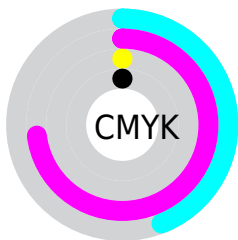
Distribution



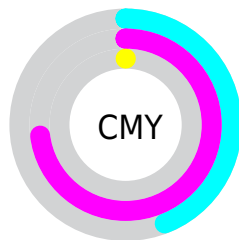
- Red (56%)
- Green (27%)
- Blue (100%)



- Red (56%)
- Yellow (27%)
- Blue (100%)



- Cyan (44%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.7430, -15.3270, 74.0570 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 111.7430, -15.3270, 74.0570 by changing the saturation by 10% instead.


 111.7430,
-15.3270, 74.0570


 111.7430,
-15.3270, 74.0570


255.0000, -0.0000,
-0.0000


 82.1450, -16.5190,
73.6330


 162.2670, 5.9040,
58.2240


 46.3780, -15.5570,
78.2270


 187.3850, 16.9550,
50.6750

 31.5250, -29.8130,
61.2510


 209.8010, 21.1750,
40.2710

 16.0740, -45.2610,
43.8510

 226.8240, 13.2000,
25.1040

 13.1100, -36.9150,
35.7650

 243.8470, 5.2250,
9.9370

 10.1460, -28.5690,
27.6790

 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.8670, -6.6950,
5.6970

■ 111.7430,
-15.3270, 74.0570

■ 111.7430,
-15.3270, 74.0570

■ 91.9960, -17.1170,
84.4750

■ 130.9030,
-13.2620, 64.1620

■ 72.8360, -19.1820,
94.3700

■ 150.9490,
-10.8760, 53.9560

■ 59.5680, -21.0630,
100.9290

■ 170.1090, -8.8110,
44.0610

■ 189.8560, -7.0210,
33.6430

■ 209.0160, -4.9560,
23.7480

■ 229.0620, -2.5700,
13.5420

■ 248.2220, -0.5050,
3.6470

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



99.5100, -114.8550, 16.5450



111.7430, -15.3270, 74.0570



90.8560, 83.5180, 105.3900

Triad

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



111.7430, -15.3270, 74.0570



106.9820, 87.5270, -5.8570



103.2920, -86.9240, -32.6200

Complementary

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



111.7430, -15.3270, 74.0570



211.2570, 15.3270, -74.0570

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.



90.4730, -54.9620, -61.2180



111.7430, -15.3270, 74.0570



105.7000, 34.3940, -39.6380

Square

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



111.7430, -15.3270, 74.0570



71.7600, 143.0400, 50.8800



81.0060, -37.9500, -72.1740



113.0960, -114.5300, -5.8740

Rectangle

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



111.7430, -15.3270, 74.0570



89.9250, 113.4600, 91.3800



81.0060, -37.9500, -72.1740



99.1710, -76.6980, -41.7380

Sweetspot

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



111.7430, -15.3270, 74.0570



211.9620, -4.8640, 22.0800



155.0620, -90.8270, -0.4190



102.0620, -2.5700, 13.5420



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.



111.7430, -15.3270, 74.0570



83.4460, -18.2640, 88.7440



139.5500, 40.1010, 93.7730



117.9770, -1.1930, 5.1030



44.7970, -15.4190, 75.7250



15.0700, -5.0480, 25.4160

Inverse Universe

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



136.6810, 75.5000, 74.4760



113.2520, 90.4900, 89.1620



183.4500, -40.1010, -93.7730



119.6850, 5.5010, 4.9330



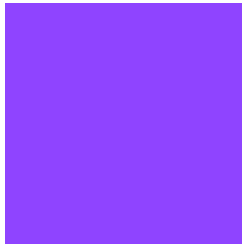
70.1050, 77.2420, 75.9460



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 111.7430, -15.3270, 74.0570 looks on a white background.

Color Contrast Check

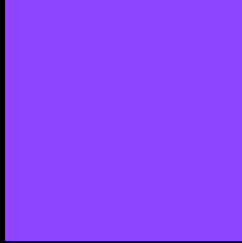
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.7430, -15.3270, 74.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

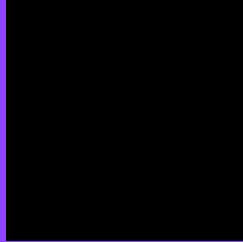
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 111.7430, -15.3270, 74.0570

Background



This preview shows how black text looks on a background with the YIQ color 111.7430, -15.3270, 74.0570.



This preview shows how white text looks on a background with the YIQ color 111.7430, -15.3270, 74.0570.

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

111.7430, -15.3270, 74.0570

Protanopia

91.8330, -105.6390, 14.7210

Deuteranopia

92.2940, -97.2920, 1.1080



Tritanopia

114.8300, -5.2730, 1.9510

Trichromacy



Original Color

111.7430, -15.3270, 74.0570



Protanomaly

98.9010, -72.8150, 36.6010



Deuteranomaly

99.4420, -67.4490, 27.4550



Tritanomaly

113.9110, -8.8540, 28.3140

Monochromacy



Original Color

111.7430, -15.3270, 74.0570



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

111.8250, -5.7360, 26.8720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7430, -15.3270, 74.0570 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(143, 68, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 68, 255)  
}
```

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(143, 68, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 68, 255) }
```

Border

The CSS property to change the border of an element to YIQ 111.7430, -15.3270, 74.0570 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(143, 68, 255) }
```


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

```
.border{ border-color:rgb(143, 68, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 68, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 68, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 68, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 68,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7430, -15.3270, 74.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 68, 255) }
```

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

```
.background{ background-color: rgb(143, 68,  
255) }
```

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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