

Converting Colors

YIQ(112.8980, -5.6980, 70.2540)

Have a look what the booklet for
YIQ(112.8980, -5.6980, 70.2540)
contains.

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Color

**YIQ(112.8980, -5.6980,
70.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	9745EF
RGB	151, 69, 239
RGB Percent	59%, 27%, 94%
CMY	0.4075, 0.7295, 0.0629
CMYK	0.37, 0.71, 0.00, 0.06
HSL	269°, 84%, 60%
HSV	269°, 71%, 94%
XYZ	30.4769, 17.0684, 83.3191
YIQ	112.8980, -5.6980, 70.2540

Conversions

Conversions Part 2

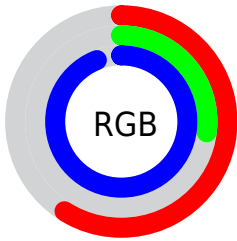
Format	Color
R_{YB}	151, 69, 239
Decimal	9913839
CIE _{Lab}	48.35, 64.87, -71.99
CIE _{LCh}	48, 96.909, 312.023
Yxy	17.0684, 0.2329, 0.1304
Android (android.graphics.Color)	4288103919 (0xFF9745EF)
YUV	112.8980, 62.1683, 33.4155
Hunter-Lab	41.3139, 59.3788, -90.6524

Details

The YIQ color **112.8980, -5.6980, 70.2540** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **195.1020, 5.6980, -70.2540**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9470, 9.8010, 59.1850**, and **47.9570, -4.1860, 75.8940** is the 20% darker color. If you saturate the color by 10%, you get **95.2220, -6.2500, 80.2620**, and if you desaturate by 10%, it is **130.5740, -5.1460, 60.2460**.

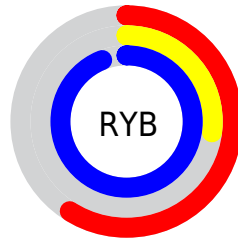
Distribution



Red (59%)

Green (27%)

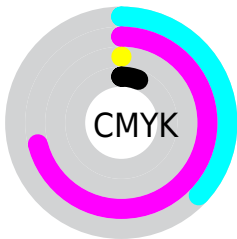
Blue (94%)



Red (59%)

Yellow (27%)

Blue (94%)

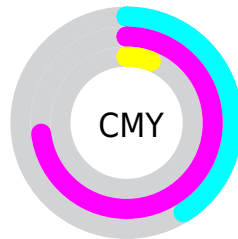


Cyan (37%)

Magenta (71%)

Yellow (0%)

Black (6%)



Cyan (41%)

Magenta (73%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.8980, -5.6980, 70.2540 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 112.8980, -5.6980, 70.2540 by changing the saturation by 10% instead.

112.8980, -5.6980,
70.2540

112.8980, -5.6980,
70.2540

255.0000, -0.0000,
-0.0000

83.5990, -6.2940,
70.0420

164.3600, 10.0760,
59.7080

47.9570, -4.1860,
75.8940

189.7660, 20.2560,
51.4240

35.4960, -13.6740,
60.6140

210.3880, 20.9000,
39.7480

19.8600, -30.0390,
43.3130

227.4110, 12.9250,
24.5810

11.5140, -32.4210,
31.4110

244.4340, 4.9500,
9.4140

8.6640, -24.3960,
23.6360

8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 112.8980, -5.6980,
70.2540

■ 112.8980, -5.6980,
70.2540

■ 95.2220, -6.2500,
80.2620

■ 130.5740, -5.1460,
60.2460

■ 77.2470, -7.3980,
90.0580

■ 148.5490, -3.9980,
50.4500

■ 61.6310, -8.1790,
98.7090

■ 166.2250, -3.4460,
40.4420

■ 183.9010, -2.8940,
30.4340

201.2890, -1.4710,
21.1610

218.9650, -0.9190,
11.1530

236.9400, 0.2290,
1.3570

251.6810, 2.1560,
-6.0360

253.1760, 5.1360,
-4.9760

Harmonies

Analogous

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



97.1620, -113.7550, 18.6370



112.8980, -5.6980, 70.2540



87.8080, 83.4730, 100.6970

Triad

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



112.8980, -5.6980, 70.2540



107.5250, 81.3840, -10.1680



102.4600, -87.3370, -30.6410

Complementary

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



112.8980, -5.6980, 70.2540



195.1020, 5.6980, -70.2540

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.



90.6670, -58.2640, -56.4400



112.8980, -5.6980, 70.2540



104.5040, 32.0100, -40.4860

Square

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



112.8980, -5.6980, 70.2540



79.6240, 131.2590, 38.6110



80.4190, -37.6750, -71.6510



111.3520, -112.3750, -6.3830

Rectangle

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



112.8980, -5.6980, 70.2540



87.3330, 112.1310, 87.9310



80.4190, -37.6750, -71.6510



98.6810, -78.0740, -38.8260

Sweetspot

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



112.8980, -5.6980, 70.2540



214.9300, -1.8380, 22.3060



141.7970, -79.5950, 5.2770



104.1330, -1.3320, 13.1320



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.



112.8980, -5.6980, 70.2540



94.1330, -7.0770, 89.7470



137.4160, 43.1740, 87.6380



111.1620, -0.2760, 5.0040



47.5870, -6.0200, 76.0920



14.4570, -1.8840, 23.1400

Inverse Universe

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



129.8620, 73.0720, 63.4080



115.6510, 93.3800, 80.8360



170.5840, -43.1740, -87.6380



112.2720, 5.2260, 4.4100



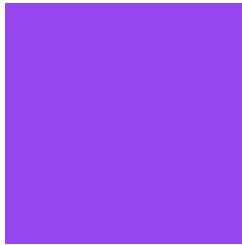
65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 112.8980, -5.6980, 70.2540 looks on a white background.

Color Contrast Check

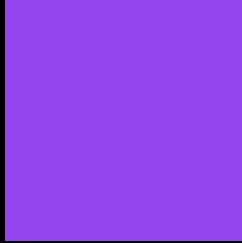
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8980, -5.6980, 70.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

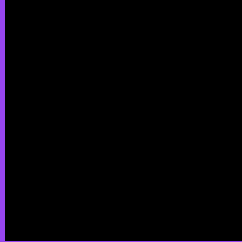
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.8980, -5.6980, 70.2540

Background



This preview shows how black text looks on a background with the YIQ color 112.8980, -5.6980, 70.2540.



This preview shows how white text looks on a background with the YIQ color 112.8980, -5.6980,

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

112.8980, -5.6980, 70.2540

Protanopia

91.8330, -105.6390, 14.7210

Deuteranopia

91.9350, -97.6590, 2.2530



Tritanopia

115.8100, 6.6470, 6.1910

Trichromacy



Original Color

112.8980, -5.6980, 70.2540



Protanomaly

99.7010, -69.3760, 34.8480



Deuteranomaly

99.8830, -64.3770, 26.8470



Tritanomaly

114.7120, 2.0120, 29.6280

Monochromacy



Original Color

112.8980, -5.6980, 70.2540



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

113.0380, -2.0220, 25.6420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8980, -5.6980, 70.2540 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(151, 69, 239)` looks like.

```
.text, #text, p{  
    color:rgb(151, 69, 239)  
}
```

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(151, 69, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 69, 239) }
```

Border

The CSS property to change the border of an element to YIQ 112.8980, -5.6980, 70.2540 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(151, 69, 239) }
```


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

```
.border{ border-color:rgb(151, 69, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 69, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 69, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 69, 239);  
box-shadow:4px 4px 4px 4px rgb(151, 69,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8980, -5.6980, 70.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 69, 239) }
```

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

```
.background{ background-color: rgb(151, 69,  
239) }
```

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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