

Converting Colors

YIQ(102.7030, -27.0180,
71.1740)

Have a look what the booklet for
YIQ(102.7030, -27.0180, 71.1740)
contains.

YIQ(102.7030, -27.0180, 71.1740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YIQ(102.7030, -27.0180,
71.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	7940FE
RGB	121, 64, 254
RGB Percent	47%, 25%, 100%
CMY	0.5252, 0.7491, 0.0042
CMYK	0.52, 0.75, 0.00, 0.00
HSL	258°, 99%, 62%
HSV	258°, 75%, 100%
XYZ	27.6053, 14.8854, 95.1297
YIQ	102.7030, -27.0180, 71.1740

Conversions

Conversions Part 2

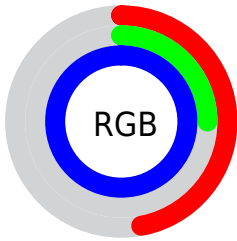
Format	Color
R _{YB}	121, 64, 254
Decimal	7946494
CIE Lab	45.48, 66.14, -85.20
CIE LCh	45, 107.859, 307.819
Yxy	14.8854, 0.2006, 0.1082
Android (android.graphics.Color)	4286136574 (0xFF7940FE)
YUV	102.7030, 74.5894, 16.0465
Hunter-Lab	38.5816, 60.1999, -119.1829

Details

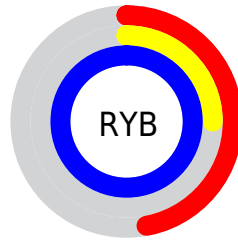
The YIQ color **102.7030, -27.0180, 71.1740** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **215.2970, 27.0180, -71.1740**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.7650, -4.3660, 57.1220**, and **36.9950, -33.7120, 71.3440** is the 20% darker color. If you saturate the color by 10%, you get **82.6460, -30.8710, 80.4330**, and if you desaturate by 10%, it is **122.7600, -23.1650, 61.9150**.

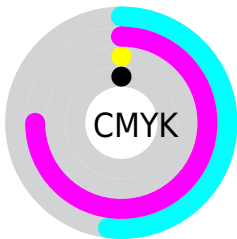
Distribution



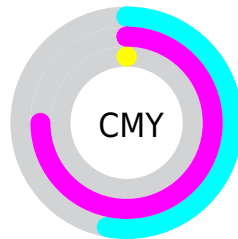
- Red (47%)
- Green (25%)
- Blue (100%)



- Red (47%)
- Yellow (25%)
- Blue (100%)



- Cyan (52%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.7030, -27.0180, 71.1740 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 102.7030, -27.0180, 71.1740 by changing the saturation by 10% instead.

■ 102.7030,
-27.0180, 71.1740

■ 102.7030,
-27.0180, 71.1740

■ 255.0000, -0.0000,
-0.0000

■ 73.0940, -29.6770,
69.8030

■ 152.7650, -4.3660,
57.1220

■ 36.9950, -33.7120,
71.3440

■ 178.4700, 6.4100,
49.0500

■ 19.1520, -53.9280,
52.2480

■ 203.5880, 17.4610,
41.5010

■ 15.9600, -44.9400,
43.5400

■ 223.3020, 14.8500,
28.2420

■ 12.9960, -36.5940,
35.4540

■ 240.3250, 6.8750,
13.0750

■ 15.9020, -30.9980,
22.1380

■ 11.2910, -22.1480,

15.9320

■ 6.4350, -13.9860,
11.1820

■ 2.6390, -6.0530,
5.0750

■ 102.7030,
-27.0180, 71.1740

■ 102.7030,
-27.0180, 71.1740

■ 82.6460, -30.8710,
80.4330

■ 122.7600,
-23.1650, 61.9150

■ 62.3010, -33.8530,
90.4270

■ 143.4040,
-19.5870, 52.1330

■ 51.6800, -36.2380,
95.1060

■ 163.1620,
-16.3300, 42.6620

■ 183.8060,
-12.7520, 32.8800

■ 203.8630, -8.8990,
23.6210

■ 223.9200, -5.0460,
14.3620

■ 244.2650, -2.0640,
4.3680

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



102.7030, -27.0180, 71.1740



87.5670, 76.9620, 103.0580

Triad

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



102.7030, -27.0180, 71.1740



98.1550, 88.7180, 0.0940



96.4130, -79.9550, -32.2670

Complementary

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



102.7030, -27.0180, 71.1740



215.2970, 27.0180, -71.1740

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.



83.0240, -46.3880, -62.4200



102.7030, -27.0180, 71.1740



99.5200, 35.0810, -35.5670

Square

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



102.7030, -27.0180, 71.1740



69.9660, 139.4640, 49.6080



75.7230, -35.4750, -67.4670



107.7330, -109.0740, -5.6340

Rectangle

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



102.7030, -27.0180, 71.1740



88.3160, 110.8010, 90.0090



75.7230, -35.4750, -67.4670



92.8790, -70.0040, -41.9080

Sweetspot

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



102.7030, -27.0180, 71.1740



210.4670, -7.8440, 21.0200



163.7310, -97.5650, -10.4690



100.8660, -4.9540, 12.6940



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.



102.7030, -27.0180, 71.1740



71.8510, -32.7060, 86.1580



131.1080, 29.6020, 91.3140



117.6780, -1.7890, 4.8910



38.8170, -27.3390, 71.4850



12.9770, -9.2200, 23.9320

Inverse Universe

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



135.9720, 70.5470, 81.6430



112.1240, 85.3990, 98.8310



186.8920, -29.6020, -91.3140



119.9130, 4.8590, 5.5550



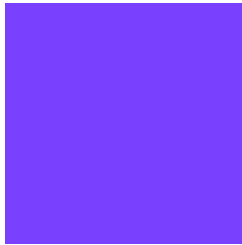
72.3850, 70.8220, 82.1660



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 102.7030, -27.0180, 71.1740 looks on a white background.

Color Contrast Check

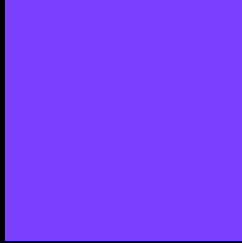
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.7030, -27.0180, 71.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

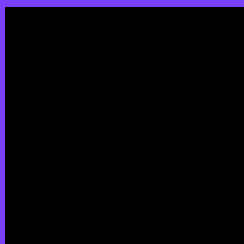
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.7030, -27.0180, 71.1740

Background



This preview shows how black text looks on a background with the YIQ color 102.7030, -27.0180, 71.1740.



This preview shows how white text looks on a background with the YIQ color 102.7030, -27.0180,

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

102.7030, -27.0180, 71.1740

Deuteranopia

85.8880, -90.2770, 0.6270

Tritanopia

103.1590, -22.5570, -4.1970

Trichromacy



Original Color

102.7030, -27.0180, 71.1740

Deuteranomaly

91.8010, -67.0820, 26.3100

Tritanomaly

103.1370, -24.3500, 22.8020

Monochromacy



Original Color

102.7030, -27.0180, 71.1740

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.1450, -9.6330, 25.9110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.7030, -27.0180, 71.1740 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(121, 64, 254)` looks like.

```
.text, #text, p{  
    color:rgb(121, 64, 254)  
}
```

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(121, 64, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 64, 254) }
```

Border

The CSS property to change the border of an element to YIQ 102.7030, -27.0180, 71.1740 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(121, 64, 254) }
```

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

```
.border{ border-color:rgb(121, 64, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 64, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 64, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 64, 254);  
box-shadow:4px 4px 4px 4px rgb(121, 64,  
254) }
```


Background

The CSS property to change the background color of an element to YIQ 102.7030, -27.0180, 71.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 64, 254) }
```

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

```
.background{ background-color: rgb(121, 64,  
254) }
```

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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