

Converting Colors

YIQ(77.4410, -19.8680, 84.7720)

Have a look what the booklet for
YIQ(77.4410, -19.8680, 84.7720)
contains.

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Color

**YIQ(77.4410, -19.8680,
84.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1CF4
RGB	111, 28, 244
RGB Percent	44%, 11%, 96%
CMY	0.5643, 0.8903, 0.0434
CMYK	0.54, 0.89, 0.00, 0.04
HSL	263°, 91%, 53%
HSV	263°, 89%, 96%
XYZ	23.3002, 10.7417, 86.3833
YIQ	77.4410, -19.8680, 84.7720

Conversions

Conversions Part 2

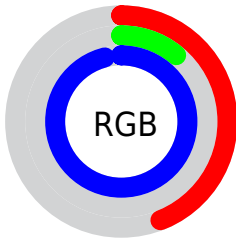
Format	Color
R _Y B	111, 28, 244
Decimal	7281908
CIE Lab	39.14, 75.25, -90.08
CIE LCh	39, 117.370, 309.874
Yxy	10.7417, 0.1935, 0.0892
Android (android.graphics.Color)	4285471988 (0xFF6F1CF4)
YUV	77.4410, 82.1136, 29.4312
Hunter-Lab	32.7746, 69.5445, -133.3273

Details

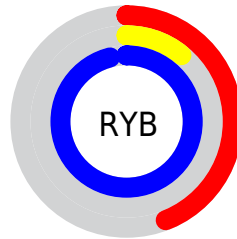
The YIQ color **77.4410, -19.8680, 84.7720** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **194.5590, 19.8680, -84.7720**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.2250, -2.3050, 69.3350**, and **29.8750, -42.4220, 63.9940** is the 20% darker color. If you saturate the color by 10%, you get **58.8680, -22.2080, 94.1440**, and if you desaturate by 10%, it is **96.0140, -17.5280, 75.4000**.

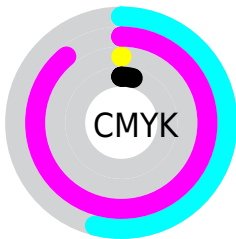
Distribution



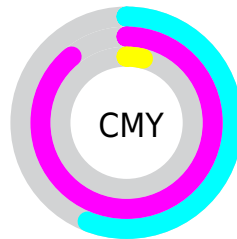
- Red (44%)
- Green (11%)
- Blue (96%)



- Red (44%)
- Yellow (11%)
- Blue (96%)



- Cyan (54%)
- Magenta (89%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (89%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.4410, -19.8680, 84.7720 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 77.4410, -19.8680, 84.7720 by changing the saturation by 10% instead.

■ 77.4410, -19.8680,
84.7720

■ 77.4410, -19.8680,
84.7720

■ 255.0000, -0.0000,
-0.0000

■ 47.2340, -23.7190,
82.9770

■ 134.2250, -2.3050,
69.3350

■ 29.8750, -42.4220,
63.9940

■ 160.2290, 9.0670,
61.4750

■ 18.0120, -50.7180,
49.1380

■ 185.9340, 19.8430,
53.4030

■ 14.9340, -42.0510,
40.7410

■ 207.4530, 22.2750,
42.3630

■ 11.8560, -33.3840,
32.3440

■ 224.4760, 14.3000,
27.1960

■ 14.8760, -28.1090,
19.3390

■ 241.4990, 6.3250,

■ 9.2050, -19.0300,

12.0290

14.4900

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 77.4410, -19.8680,
84.7720

■ 77.4410, -19.8680,
84.7720

■ 58.8680, -22.2080,
94.1440

■ 96.0140, -17.5280,
75.4000

■ 55.9220, -22.3000,
95.8120

■ 115.1740,
-15.4630, 65.5050

■ 133.7470,
-13.1230, 56.1330

■ 152.9070,
-11.0580, 46.2380

■ 171.4800, -8.7180,
36.8660

■ 190.0530, -6.3780,
27.4940

■ 209.2130, -4.3130,
17.5990

■ 227.7860, -1.9730,
8.2270

■ 246.9460, 0.0920,
-1.6680

Harmonies

Analogous

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



87.7700, -109.3550, 27.0050



77.4410, -19.8680, 84.7720



83.4220, 78.5680, 95.9760

Triad

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



77.4410, -19.8680, 84.7720



83.3700, 80.9230, 3.6990



86.2230, -73.3080, -26.0760

Complementary

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



77.4410, -19.8680, 84.7720



194.5590, 19.8680, -84.7720

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.



71.3520, -35.5680, -60.2720



77.4410, -19.8680, 84.7720



83.2290, 22.8390, -33.9690

Square

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



77.4410, -19.8680, 84.7720



65.1820, 129.9280, 46.2160



67.5050, -31.6250, -60.1450



97.9990, -103.7110, 1.8010

Rectangle

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



77.4410, -19.8680, 84.7720



83.2310, 112.1780, 81.5700



67.5050, -31.6250, -60.1450



81.8740, -62.4400, -35.8160

Sweetspot

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



77.4410, -19.8680, 84.7720



201.9390, -6.0570, 27.1830



130.6950, -105.9110, -2.3830



96.1590, -4.2210, 15.9310



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.



77.4410, -19.8680, 84.7720



58.3720, -23.4470, 100.0810



109.7330, 44.5000, 107.6680



112.8630, -0.8720, 4.7920



42.7320, -16.7940, 73.1100



13.6030, -5.2310, 23.2250

Inverse Universe

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



107.7460, 86.0430, 87.1550



94.1430, 101.5830, 102.8870



162.2670, -44.5000, -107.6680



114.5000, 4.5840, 5.0320



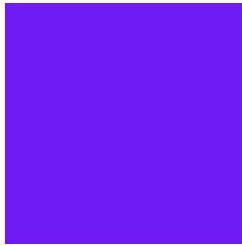
68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 77.4410, -19.8680, 84.7720 looks on a white background.

Color Contrast Check

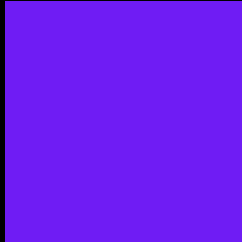
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.4410, -19.8680, 84.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

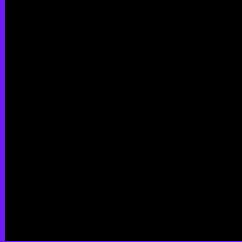
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.4410, -19.8680, 84.7720

Background



This preview shows how black text looks on a background with the YIQ color 77.4410, -19.8680, 84.7720.



This preview shows how white text looks on a background with the YIQ color 77.4410, -19.8680,

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

77.4410, -19.8680, 84.7720

Protanopia

73.5610, -84.5020, 11.6100

Deuteranopia

74.0050, -77.4850, 0.0750



Tritanopia

88.0450, -22.2360, -4.5080

Trichromacy



Original Color

77.4410, -19.8680, 84.7720

Protanomaly

75.0010, -61.3530, 38.1270

Deuteranomaly

75.4110, -56.9960, 30.7480

Tritanomaly

84.2670, -21.6000, 28.0320

Monochromacy



Original Color

77.4410, -19.8680, 84.7720

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.9760, -7.4790, 30.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4410, -19.8680, 84.7720 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(111, 28, 244)` looks like.

```
.text, #text, p{  
    color:rgb(111, 28, 244)  
}
```

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(111, 28, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 28, 244) }
```

Border

The CSS property to change the border of an element to YIQ 77.4410, -19.8680, 84.7720 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(111, 28, 244) }
```


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

```
.border{ border-color:rgb(111, 28, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 28, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 28, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 28, 244);  
box-shadow:4px 4px 4px 4px rgb(111, 28,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 77.4410, -19.8680, 84.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 28, 244) }
```

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

```
.background{ background-color: rgb(111, 28,  
244) }
```

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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