

Converting Colors

YIQ(61.0760, -10.9300, 99.0060)

Have a look what the booklet for
YIQ(61.0760, -10.9300, 99.0060)
contains.

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Color

**YIQ(61.0760, -10.9300,
99.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	7000F2
RGB	112, 0, 242
RGB Percent	44%, 0%, 95%
CMY	0.5603, 1.0000, 0.0512
CMYK	0.54, 1.00, 0.00, 0.05
HSL	268°, 100%, 47%
HSV	268°, 100%, 95%
XYZ	22.7138, 9.8590, 84.6639
YIQ	61.0760, -10.9300, 99.0060

Conversions

Conversions Part 2

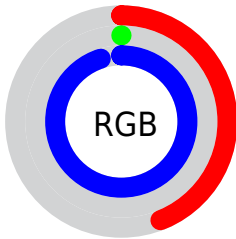
Format	Color
R_{YB}	112, 0, 242
Decimal	7340274
CIE _{Lab}	37.59, 79.30, -91.52
CIE _{LCh}	38, 121.093, 310.907
Yxy	9.8590, 0.1937, 0.0841
Android (android.graphics.Color)	4285530354 (0xFF7000F2)
YUV	61.0760, 89.1955, 44.6603
Hunter-Lab	31.3990, 74.1771, -137.8893

Details

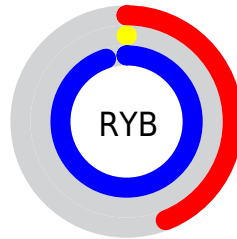
The YIQ color **61.0760, -10.9300, 99.0060** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **180.9240, 10.9300, -99.0060**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.0670, 1.3160, 75.3000**, and **29.9460, -41.1840, 63.5840** is the 20% darker color. If you saturate the color by 10%, you get **61.0760, -10.9300, 99.0060**, and if you desaturate by 10%, it is **79.0510, -9.7820, 89.2100**.

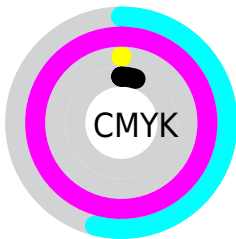
Distribution



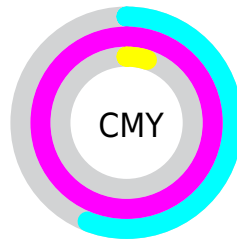
- Red (44%)
- Green (0%)
- Blue (95%)



- Red (44%)
- Yellow (0%)
- Blue (95%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)





- Cyan (56%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 61.0760, -10.9300, 99.0060 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 61.0760, -10.9300, 99.0060 by changing the saturation by 10% instead.


 61.0760, -10.9300,
99.0060


 61.0760, -10.9300,
99.0060


255.0000, -0.0000,
-0.0000


 47.3050, -22.4810,
82.5670


 128.0670, 1.3160,
75.3000


 30.2450, -40.5880,
63.7960


 154.6580, 12.4130,
66.9170


 17.7840, -50.0760,
48.5160


 180.3630, 23.1890,
58.8450


 14.7060, -41.4090,
40.1190

 202.1700, 24.7500,
47.0700

 11.7420, -33.0630,
32.0330

 219.1930, 16.7750,
31.9030

 14.6480, -27.4670,
18.7170

 236.2160, 8.8000,

 9.0910, -18.7090,

16.7360

14.1790

253.8260, 0.5500,
1.0460

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 61.0760, -10.9300,
99.0060

■ 79.0510, -9.7820,
89.2100

■ 97.0260, -8.6340,
79.4140

■ 115.5880, -7.7610,
69.0950

■ 133.5630, -6.6130,
59.2990

■ 151.5380, -5.4650,
49.5030

■ 169.5130, -4.3170,
39.7070

■ 187.4880, -3.1690,
29.9110

■ 206.0500, -2.2960,
19.5920

■ 224.0250, -1.1480,
9.7960

Harmonies

Analogous

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



85.4220, -108.2550, 29.0970



61.0760, -10.9300, 99.0060



83.1510, 80.7690, 94.6330

Triad

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



61.0760, -10.9300, 99.0060



79.8150, 78.1720, 3.9960



83.9890, -72.5290, -23.6730

Complementary

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



61.0760, -10.9300, 99.0060



180.9240, 10.9300, -99.0060

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.



68.7760, -33.8260, -58.8020



61.0760, -10.9300, 99.0060



79.3640, 18.0250, -34.8310

Square

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



61.0760, -10.9300, 99.0060



63.9860, 127.5440, 45.3680



65.1570, -30.5250, -58.0530



96.5800, -103.8490, 4.3030

Rectangle

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



61.0760, -10.9300, 99.0060



82.1340, 113.8290, 79.1810



65.1570, -30.5250, -58.0530



79.5260, -61.3400, -33.7240

Sweetspot

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



61.0760, -10.9300, 99.0060



198.1290, -3.5360, 31.0560



105.6590, -114.2570, 5.7030



93.5230, -2.2500, 18.7580



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.



61.0760, -10.9300, 99.0060



64.3520, -11.5270, 104.3210



96.3580, 59.3980, 124.0220



110.8630, -0.8720, 4.7920



46.3910, -8.4040, 75.2440



14.1580, -2.4800, 22.9280

Inverse Universe

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



87.1780, 102.5020, 91.7340



91.8630, 108.0030, 96.6670



145.6420, -59.3980, -124.0220



112.2720, 5.2260, 4.4100



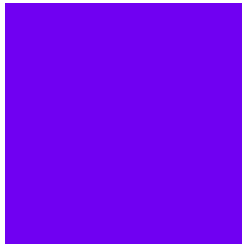
66.3020, 77.8850, 69.7970



20.1640, 23.7460, 21.2020

Previews

White Background



This preview shows how the YIQ color 61.0760, -10.9300, 99.0060 looks on a white background.

Color Contrast Check

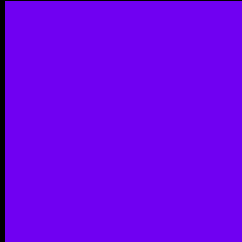
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 61.0760, -10.9300, 99.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

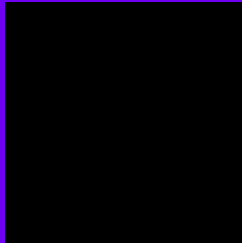
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.0760, -10.9300, 99.0060

Background



This preview shows how black text looks on a background with the YIQ color 61.0760, -10.9300, 99.0060.



This preview shows how white text looks on a background with the YIQ color 61.0760, -10.9300,

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

61.0760, -10.9300, 99.0060

Protanopia

71.8170, -82.3470, 11.1010

Deuteranopia

72.2610, -75.3300, -0.4340



Tritanopia

86.8390, -18.6600, -3.2360

Trichromacy



Original Color

61.0760, -10.9300, 99.0060

Protanomaly

67.8000, -56.1730, 43.3710

Deuteranomaly

68.2100, -51.8160, 35.9920

Tritanomaly

77.4790, -16.1450, 33.7990

Monochromacy



Original Color

61.0760, -10.9300, 99.0060

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.2910, -3.8120, 36.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.0760, -10.9300, 99.0060 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(112, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 242)  
}
```

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(112, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 242) }
```

Border

The CSS property to change the border of an element to YIQ 61.0760, -10.9300, 99.0060 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(112, 0, 242) }
```


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

```
.border{ border-color:rgb(112, 0, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 0, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 61.0760, -10.9300, 99.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 242) }
```

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

```
.background{ background-color: rgb(112, 0,  
242) }
```

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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