

Converting Colors

YIQ(76.5920, -21.6110, 88.8290)

Have a look what the booklet for
YIQ(76.5920, -21.6110, 88.8290)
contains.

YIQ(76.5920, -21.6110, 88.8290)	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>	31

Color

**YIQ(76.5920, -21.6110,
88.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	6F19FC
RGB	111, 25, 252
RGB Percent	44%, 10%, 99%
CMY	0.5643, 0.9021, 0.0120
CMYK	0.56, 0.90, 0.00, 0.01
HSL	263°, 97%, 54%
HSV	263°, 90%, 99%
XYZ	24.4736, 11.1030, 92.8932
YIQ	76.5920, -21.6110, 88.8290

Conversions

Conversions Part 2

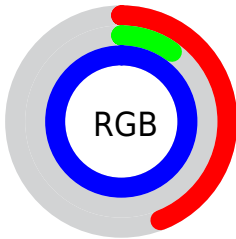
Format	Color
R _Y B	111, 25, 252
Decimal	7281148
CIE Lab	39.75, 77.78, -93.56
CIE LCh	40, 121.668, 309.737
Yxy	11.1030, 0.1905, 0.0864
Android (android.graphics.Color)	4285471228 (0xFF6F19FC)
YUV	76.5920, 86.4761, 30.1758
Hunter-Lab	33.3212, 72.7920, -141.9645

Details

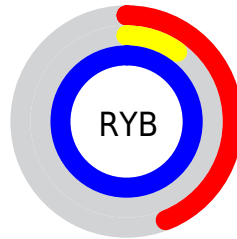
The YIQ color **76.5920, -21.6110, 88.8290** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **200.4080, 21.6110, -88.8290**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.9370, -1.4340, 70.0700**, and **28.9930, -48.5660, 65.2100** is the 20% darker color. If you saturate the color by 10%, you get **57.4320, -23.6760, 98.7240**, and if you desaturate by 10%, it is **96.0510, -18.9500, 79.1460**.

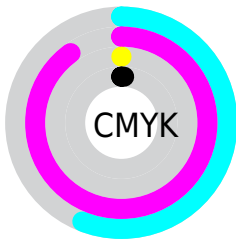
Distribution



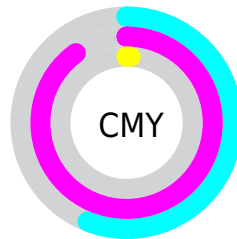
- Red (44%)
- Green (10%)
- Blue (99%)



- Red (44%)
- Yellow (10%)
- Blue (99%)



- Cyan (56%)
- Magenta (90%)
- Yellow (0%)
- Black (1%)





- Cyan (56%)
- Magenta (90%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.5920, -21.6110, 88.8290 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 76.5920, -21.6110, 88.8290 by changing the saturation by 10% instead.


 76.5920, -21.6110,
88.8290


 76.5920, -21.6110,
88.8290


255.0000, -0.0000,
-0.0000


 47.7330, -26.5620,
84.9420


 133.9370, -1.4340,
70.0700


 28.9930, -48.5660,
65.2100


 159.9410, 9.9380,
62.2100


 18.8100, -52.9650,
51.3150


 185.9450, 21.3100,
54.3500

 15.7320, -44.2980,
42.9180

 206.8660, 22.5500,
42.8860

 12.6540, -35.6310,
34.5210

 223.8890, 14.5750,
27.7190

 16.8480, -30.9060,
20.4700

 241.4990, 6.3250,

 10.4760, -21.2310,

12.0290

15.8330

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 76.5920, -21.6110,
88.8290

■ 76.5920, -21.6110,
88.8290

■ 57.4320, -23.6760,
98.7240

■ 96.0510, -18.9500,
79.1460

■ 115.2110,
-16.8850, 69.2510

■ 135.2570,
-14.4990, 59.0450

■ 154.7160,
-11.8380, 49.3620

■ 173.8760, -9.7730,
39.4670

■ 193.3350, -7.1120,
29.7840

■ 212.7940, -4.4510,
20.1010

■ 232.5410, -2.6610,
9.6830

■ 252.0000, 0.0000,
0.0000

Harmonies

Analogous

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



89.5310, -110.1800, 25.4360



76.5920, -21.6110, 88.8290



85.7860, 80.5390, 98.8030

Triad

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



76.5920, -21.6110, 88.8290



83.9790, 83.5820, 5.0700



87.6250, -74.5000, -26.5000

Complementary

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



76.5920, -21.6110, 88.8290



200.4080, 21.6110, -88.8290

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.



71.9560, -34.5130, -62.8730



76.5920, -21.6110, 88.8290



84.7020, 22.8850, -34.8030

Square

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



76.5920, -21.6110, 88.8290



66.9760, 133.5040, 47.4880



68.6790, -32.1750, -61.1910



100.5580, -106.7830, 2.4090

Rectangle

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



76.5920, -21.6110, 88.8290



85.5520, 115.7080, 83.6760



68.6790, -32.1750, -61.1910



83.1620, -63.3110, -36.5510

Sweetspot

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



76.5920, -21.6110, 88.8290



201.6400, -6.6530, 26.9710



135.4060, -112.4670, -4.7150



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.



76.5920, -21.6110, 88.8290



58.0730, -24.0430, 99.8690



109.7810, 44.5450, 112.3610



114.9770, -1.1930, 5.1030



43.0740, -17.7570, 74.0430



13.8310, -5.8730, 23.8470

Inverse Universe

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



108.9470, 90.0310, 91.9750



94.2570, 101.2620, 103.1980



167.2190, -44.5450, -112.3610



116.7990, 5.1800, 5.2440



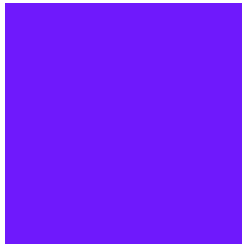
69.8490, 75.0870, 76.4550



22.5710, 24.1580, 24.7500

Previews

White Background



This preview shows how the YIQ color 76.5920, -21.6110, 88.8290 looks on a white background.

Color Contrast Check

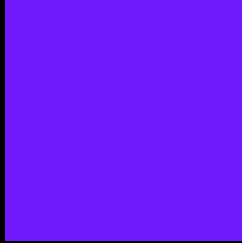
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.5920, -21.6110, 88.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

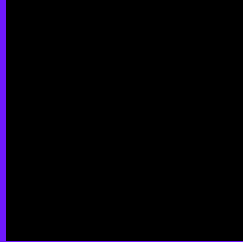
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.5920, -21.6110, 88.8290

Background



This preview shows how black text looks on a background with the YIQ color 76.5920, -21.6110, 88.8290.



This preview shows how white text looks on a background with the YIQ color 76.5920, -21.6110,

88.8290.

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

76.5920, -21.6110, 88.8290

Protanopia

74.4900, -85.7400, 12.0200

Deuteranopia

74.8200, -78.4020, 0.1740



Tritanopia

88.6530, -27.0040, -6.2040

Trichromacy



Original Color

76.5920, -21.6110, 88.8290

Protanomaly

74.9840, -62.6830, 40.2050

Deuteranomaly

75.2800, -58.0050, 32.5150

Tritanomaly

84.4130, -24.9470, 28.1170

Monochromacy



Original Color

76.5920, -21.6110, 88.8290

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.7310, -8.1670, 32.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.5920, -21.6110, 88.8290 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, 25, 252)` looks like.

```
.text, #text, p{  
    color:rgb(111, 25, 252)  
}
```

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, 25, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 25, 252) }
```

Border

The CSS property to change the border of an element to YIQ 76.5920, -21.6110, 88.8290 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, 25, 252) }
```


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

```
.border{ border-color:rgb(111, 25, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 25, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 25, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 25, 252); box-shadow:4px 4px 4px 4px rgb(111, 25, 252) }
```

Background

The CSS property to change the background color of an element to YIQ 76.5920, -21.6110, 88.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 25, 252) }
```

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

```
.background{ background-color: rgb(111, 25,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor