

Converting Colors

YIQ(105.4420, -30.7770,
67.7110)

Have a look what the booklet for
YIQ(105.4420, -30.7770, 67.7110)
contains.

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Color

**YIQ(105.4420, -30.7770,
67.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	7646FF
RGB	118, 70, 255
RGB Percent	46%, 27%, 100%
CMY	0.5370, 0.7256, 0.0003
CMYK	0.54, 0.73, 0.00, 0.00
HSL	256°, 100%, 64%
HSV	256°, 73%, 100%
XYZ	27.7072, 15.4491, 96.0723
YIQ	105.4420, -30.7770, 67.7110

Conversions

Conversions Part 2

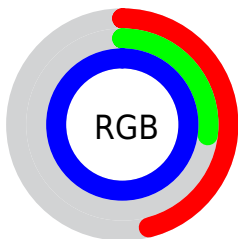
Format	Color
R _Y B	118, 70, 255
Decimal	7751423
CIE Lab	46.24, 63.24, -84.51
CIE LCh	46, 105.552, 306.807
Yxy	15.4491, 0.1990, 0.1110
Android (android.graphics.Color)	4285941503 (0xFF7646FF)
YUV	105.4420, 73.7321, 11.0134
Hunter-Lab	39.3054, 57.0439, -117.4059

Details

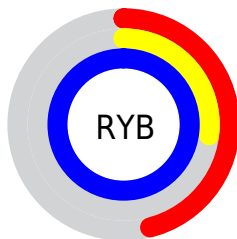
The YIQ color **105.4420, -30.7770, 67.7110** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **219.5580, 30.7770, -67.7110**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3900, -7.8040, 53.3480**, and **42.6580, -40.3130, 64.3190** is the 20% darker color. If you saturate the color by 10%, you get **84.4990, -34.9510, 77.2810**, and if you desaturate by 10%, it is **125.7980, -26.3280, 58.6640**.

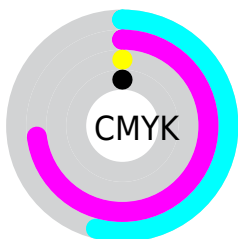
Distribution



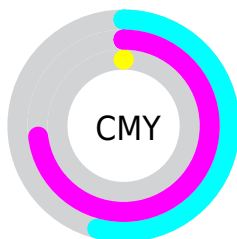
- Red (46%)
- Green (27%)
- Blue (100%)



- Red (46%)
- Yellow (27%)
- Blue (100%)



- Cyan (54%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.4420, -30.7770, 67.7110 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 105.4420, -30.7770, 67.7110 by changing the saturation by 10% instead.

■ 105.4420,
-30.7770, 67.7110

■ 105.4420,
-30.7770, 67.7110

■ 255.0000, -0.0000,
-0.0000

■ 76.1210, -34.3070,
65.6050

■ 155.3900, -7.8040,
53.3480

■ 42.6580, -40.3130,
64.3190

■ 180.5080, 3.2470,
45.7990

■ 19.2660, -54.2490,
52.5590

■ 205.6260, 14.2980,
38.2500

■ 16.0740, -45.2610,
43.8510

■ 226.2370, 13.4750,
25.6270

■ 13.1100, -36.9150,
35.7650

■ 242.6730, 5.7750,
10.9830

■ 16.0160, -31.3190,
22.4490

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 105.4420,
-30.7770, 67.7110

■ 105.4420,
-30.7770, 67.7110

■ 84.4990, -34.9510,
77.2810

■ 125.7980,
-26.3280, 58.6640

■ 64.1430, -39.4000,
86.3280

■ 146.7410,
-22.1540, 49.0940

■ 48.8040, -42.5190,
93.2970

■ 167.0970,
-17.7050, 40.0470

■ 188.0400,
-13.5310, 30.4770

■ 208.0970, -9.6780,
21.2180

■ 229.0400, -5.5040,
11.6480

■ 249.3960, -1.0550,
2.6010

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



98.3360, -114.3050, 17.5910



105.4420, -30.7770, 67.7110



87.3110, 74.8070, 103.5670

Triad

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



105.4420, -30.7770, 67.7110



99.9380, 90.8270, 0.4190



97.4730, -80.1840, -33.6240

Complementary

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



105.4420, -30.7770, 67.7110



219.5580, 30.7770, -67.7110

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.



84.1980, -46.9380, -63.4660



105.4420, -30.7770, 67.7110



101.0150, 38.0610, -34.5070

Square

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



105.4420, -30.7770, 67.7110



70.5640, 140.6560, 50.0320



76.8970, -36.0250, -68.5130



107.9780, -108.3860, -7.0900

Rectangle

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



105.4420, -30.7770, 67.7110



88.4730, 108.9210, 91.0410



76.8970, -36.0250, -68.5130



93.2380, -69.6370, -43.0530

Sweetspot

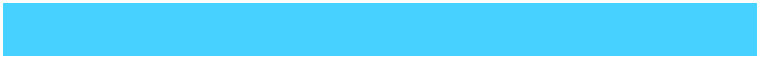
The Sweet Spot groups the original color and five complimentary colors.



105.4420, -30.7770, 67.7110



209.5700, -9.6320, 20.3840



172.6830, -97.6100, -15.1620



100.5670, -5.5500, 12.4820



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.



105.4420, -30.7770, 67.7110



75.6500, -36.6940, 81.3380



132.6510, 23.4590, 87.0030



117.3790, -2.3850, 4.6790



36.7240, -31.5110, 70.0010



12.3790, -10.4120, 23.5080

Inverse Universe

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



140.9330, 66.2830, 81.8270



118.0740, 79.6680, 98.0680



192.3490, -23.4590, -87.0030



119.9130, 4.8590, 5.5550



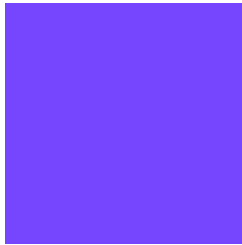
73.2970, 68.2540, 84.6540



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 105.4420, -30.7770, 67.7110 looks on a white background.

Color Contrast Check

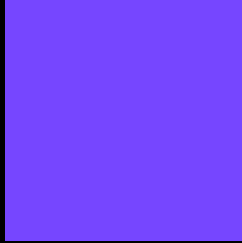
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.4420, -30.7770, 67.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

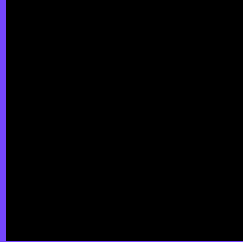
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.4420, -30.7770, 67.7110

Background



This preview shows how black text looks on a background with the YIQ color 105.4420, -30.7770, 67.7110.



This preview shows how white text looks on a background with the YIQ color 105.4420, -30.7770,

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

105.4420, -30.7770, 67.7110

Protanopia

86.9430, -100.1370, 14.1270

Deuteranopia

87.5180, -92.1110, 0.8250



Tritanopia

104.1800, -27.0500, -5.3700

Trichromacy



Original Color

105.4420, -30.7770, 67.7110

Protanomaly

93.5370, -74.7860, 33.7740

Deuteranomaly

94.1920, -69.7410, 24.9390

Tritanomaly

104.9300, -28.2010, 21.0070

Monochromacy



Original Color

105.4420, -30.7770, 67.7110

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1340, -11.1000, 24.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4420, -30.7770, 67.7110 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(118, 70, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 70, 255)  
}
```

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(118, 70, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 70, 255) }
```

Border

The CSS property to change the border of an element to YIQ 105.4420, -30.7770, 67.7110 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(118, 70, 255) }
```


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

```
.border{ border-color:rgb(118, 70, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 70, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 70, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 70, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 70,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4420, -30.7770, 67.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 70, 255) }
```

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

```
.background{ background-color: rgb(118, 70,  
255) }
```

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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