

Converting Colors

YIQ(167.3430, 44.2770, 73.1490)

Have a look what the booklet for
YIQ(167.3430, 44.2770, 73.1490)
contains.

YIQ(167.3430, 44.2770, 73.1490)	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(167.3430, 44.2770,
73.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6CF3
RGB	255, 108, 243
RGB Percent	100%, 42%, 95%
CMY	0.0000, 0.5767, 0.0470
CMYK	0.00, 0.58, 0.05, 0.00
HSL	305°, 100%, 71%
HSV	305°, 58%, 100%
XYZ	62.7765, 38.4443, 88.9202
YIQ	167.3430, 44.2770, 73.1490

Conversions

Conversions Part 2

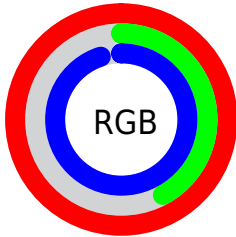
Format	Color
R _Y B	255, 108, 243
Decimal	16739571
CIE _{Lab}	68.35, 71.87, -41.52
CIE _{LCh}	68, 83.001, 329.986
Yxy	38.4443, 0.3302, 0.2022
Android (android.graphics.Color)	4294929651 (0xFFFF6CF3)
YUV	167.3430, 37.2989, 76.8752
Hunter-Lab	62.0035, 72.2192, -41.6263

Details

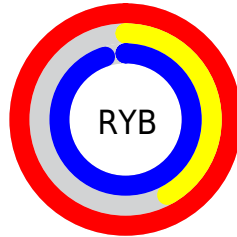
The YIQ color **167.3430, 44.2770, 73.1490** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **195.6570, -44.2770, -73.1490**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.7570, 24.4750, 46.5470**, and **105.9240, 44.1390, 75.6510** is the 20% darker color. If you saturate the color by 10%, you get **151.8530, 52.0690, 86.1250**, and if you desaturate by 10%, it is **182.2460, 36.7600, 60.6960**.

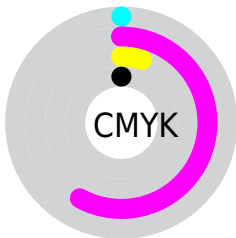
Distribution



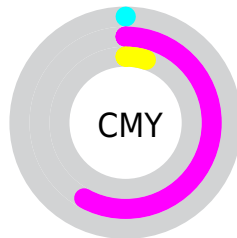
- Red (100%)
- Green (42%)
- Blue (95%)



- Red (100%)
- Yellow (42%)
- Blue (95%)



- Cyan (0%)
- Magenta (58%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (58%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.3430, 44.2770, 73.1490 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 167.3430, 44.2770, 73.1490 by changing the saturation by 10% instead.


 167.3430, 44.2770,
73.1490


 167.3430, 44.2770,
73.1490


255.0000, -0.0000,
-0.0000

 137.4570, 43.9560,
73.4600


 202.7570, 24.4750,
46.5470


 105.9240, 44.1390,
75.6510


 219.7800, 16.5000,
31.3800

 67.7600, 47.8970,
84.6410

 237.3900, 8.2500,
15.6900

 56.0110, 39.2800,
70.0960

 44.7890, 30.6170,
56.3850

 33.5670, 21.9540,
42.6740

 23.3560, 14.7580,

29.9100

■ 11.2800, 2.7480,
16.2840

■ 1.1400, -3.2100,
3.1100

■ 167.3430, 44.2770,
73.1490

■ 167.3430, 44.2770,
73.1490

■ 151.8530, 52.0690,
86.1250

■ 182.2460, 36.7600,
60.6960

■ 136.9500, 59.5860,
98.5780

■ 197.7360, 28.9680,
47.7200

■ 121.4600, 67.3780,
111.5540

■ 212.6390, 21.4510,
35.2670

■ 106.5570, 74.8950,
124.0070

■ 228.1290, 13.6590,
22.2910

102.9210, 76.8660,
126.8340

243.0320, 6.1420,
9.8380

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.



162.6120, -26.6450, 36.8670



167.3430, 44.2770, 73.1490



143.1720, 75.1350, 64.5670

Triad

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



167.3430, 44.2770, 73.1490



155.4810, 74.3750, -42.8490



144.7600, -132.0400, -29.9600

Complementary

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



167.3430, 44.2770, 73.1490



195.6570, -44.2770, -73.1490

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.



136.0960, -107.6440, -53.5960



167.3430, 44.2770, 73.1490



145.3830, 23.9000, -69.7320

Square

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



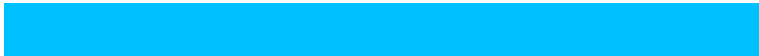
167.3430, 44.2770, 73.1490



156.5960, 108.9850, -9.2790



124.2690, -81.2310, -75.2390



142.3610, -134.9300, -21.6340

Rectangle

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



167.3430, 44.2770, 73.1490



140.9940, 89.5350, 45.8790



124.2690, -81.2310, -75.2390



142.0240, -124.3360, -37.4240

Sweetspot

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



167.3430, 44.2770, 73.1490



229.3030, 13.1090, 21.2450



127.7480, -41.2270, 47.8370



112.3960, 8.1130, 12.6650



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.



167.3430, 44.2770, 73.1490



150.0920, 52.8940, 87.6940



159.2490, 67.0680, 51.0680



120.1410, 4.2170, 6.1770



77.1730, 57.3400, 95.2280



25.8620, 19.2050, 31.9170

Inverse Universe

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



167.3430, 44.2770, 73.1490



150.0920, 52.8940, 87.6940



203.7510, -67.0680, -51.0680



120.1410, 4.2170, 6.1770



77.1730, 57.3400, 95.2280



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 167.3430, 44.2770, 73.1490 looks on a white background.

Color Contrast Check

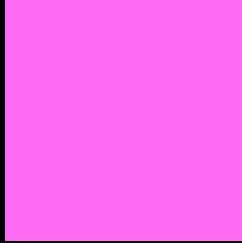
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 167.3430, 44.2770, 73.1490 looks on a black 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

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

YIQ 167.3430, 44.2770, 73.1490

Background



This preview shows how black text looks on a background with the YIQ color 167.3430, 44.2770, 73.1490.



This preview shows how white text looks on a background with the YIQ color 167.3430, 44.2770,

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

167.3430, 44.2770, 73.1490

Protanopia

165.1050, -47.6870, 21.7290

Deuteranopia

166.4730, -34.3440, 16.6960



Tritanopia

168.0300, 62.3500, 26.4300

Trichromacy



Original Color

167.3430, 44.2770, 73.1490



Protanomaly

166.0650, -14.6790, 40.2730



Deuteranomaly

166.5620, -6.0130, 37.4030



Tritanomaly

168.0470, 55.6530, 43.1810

Monochromacy



Original Color

167.3430, 44.2770, 73.1490



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

167.4330, 15.8590, 26.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.3430, 44.2770, 73.1490 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(255, 108, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 243)  
}
```

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(255, 108, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 243) }
```

Border

The CSS property to change the border of an element to YIQ 167.3430, 44.2770, 73.1490 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(255, 108, 243) }
```


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

```
.border{ border-color:rgb(255, 108, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 167.3430, 44.2770, 73.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 243) }
```

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

```
.background{ background-color: rgb(255,  
108, 243) }
```

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