

Converting Colors

YIQ(176.0320, 34.7870, 68.9230)

Have a look what the booklet for
YIQ(176.0320, 34.7870, 68.9230)
contains.

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Color

**YIQ(176.0320, 34.7870,
68.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7AFF
RGB	252, 122, 255
RGB Percent	99%, 48%, 100%
CMY	0.0114, 0.5218, 0.0000
CMYK	0.01, 0.52, 0.00, 0.00
HSL	299°, 100%, 74%
HSV	299°, 52%, 100%
XYZ	65.1840, 41.8399, 99.2481
YIQ	176.0320, 34.7870, 68.9230

Conversions

Conversions Part 2

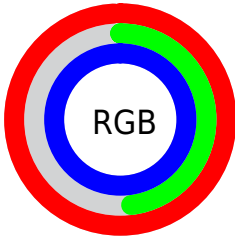
Format	Color
R_{YB}	252, 122, 255
Decimal	16546559
CIE _{Lab}	70.76, 66.96, -44.33
CIE _{LCh}	71, 80.308, 326.495
Yxy	41.8399, 0.3160, 0.2028
Android (android.graphics.Color)	4294736639 (0xFFFC7AFF)
YUV	176.0320, 38.9312, 66.6239
Hunter-Lab	64.6837, 66.6839, -45.6935

Details

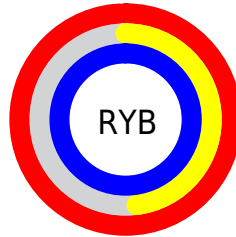
The YIQ color **176.0320, 34.7870, 68.9230** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **200.9680, -34.7870, -68.9230**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3880, 20.9000, 39.7480**, and **117.8470, 33.8700, 69.0220** is the 20% darker color. If you saturate the color by 10%, you get **160.7700, 41.9370, 82.5210**, and if you desaturate by 10%, it is **191.0060, 28.5080, 56.0600**.

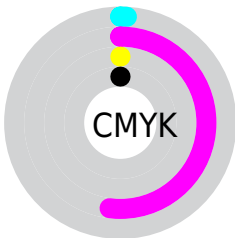
Distribution



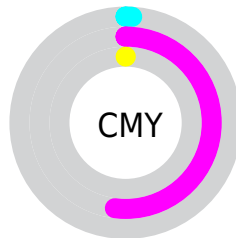
- Red (99%)
- Green (48%)
- Blue (100%)



- Red (99%)
- Yellow (48%)
- Blue (100%)



- Cyan (1%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.0320, 34.7870, 68.9230 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 176.0320, 34.7870, 68.9230 by changing the saturation by 10% instead.

 176.0320, 34.7870,
68.9230


 176.0320, 34.7870,
68.9230


255.0000, -0.0000,
-0.0000


 147.3200, 33.9160,
68.1880


 210.3880, 20.9000,
39.7480


 117.8470, 33.8700,
69.0220


 227.4110, 12.9250,
24.5810

 86.0260, 34.9240,
71.9480

 244.4340, 4.9500,
9.4140

 56.6670, 34.5570,
73.0930

 45.6300, 26.8110,
59.2830

 34.4080, 18.1480,
45.5720

 24.1970, 10.9520,

32.8080

■ 12.4910, 0.7760,
18.9840

■ 3.0950, -7.3370,
6.3190

■ 176.0320, 34.7870,
68.9230

■ 176.0320, 34.7870,
68.9230

■ 160.7700, 41.9370,
82.5210

■ 191.0060, 28.5080,
56.0600

■ 145.7960, 48.2160,
95.3840

■ 206.2680, 21.3580,
42.4620

■ 130.2350, 54.7700,
108.7700

■ 221.2420, 15.0790,
29.5990

■ 115.5600, 61.6450,
121.8450

■ 236.5040, 7.9290,
16.0010

■ 103.5210, 66.5490,
132.0930

■ 251.4780, 1.6500,
3.1380

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.



166.6770, -34.4380, 29.4180



176.0320, 34.7870, 68.9230



153.1000, 66.4700, 61.9100

Triad

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



176.0320, 34.7870, 68.9230



162.0150, 81.6190, -41.9730



147.9400, -132.7270, -34.0310

Complementary

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



176.0320, 34.7870, 68.9230



200.9680, -34.7870, -68.9230

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.



139.3900, -108.6520, -57.3560



176.0320, 34.7870, 68.9230



153.4120, 34.1240, -67.7960

Square

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



176.0320, 34.7870, 68.9230



161.9080, 99.5390, -3.2850



127.3180, -82.9270, -77.5430



146.4700, -136.8550, -25.2950

Rectangle

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



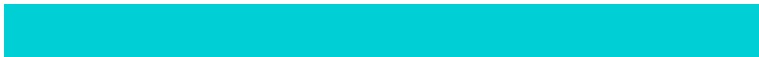
176.0320, 34.7870, 68.9230



148.6880, 81.6490, 45.6250



127.3180, -82.9270, -77.5430



145.7910, -125.2980, -42.0180

Sweetspot

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



176.0320, 34.7870, 68.9230



230.6340, 10.6790, 21.2310



139.5100, -43.7930, 39.2710



113.0260, 6.2790, 12.8630



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.



176.0320, 34.7870, 68.9230



159.5960, 42.4870, 83.5670



169.8610, 56.4770, 50.2770



120.0700, 2.9790, 6.5870



77.6870, 50.1410, 99.0450



25.8340, 16.4080, 33.0480

Inverse Universe

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



162.1090, 78.3050, 29.1290



142.5950, 94.6720, 35.3760



207.1390, -56.4770, -50.2770



118.8870, 7.7480, 2.7560



57.5650, 112.5520, 41.7360



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 176.0320, 34.7870, 68.9230 looks on a white background.

Color Contrast Check

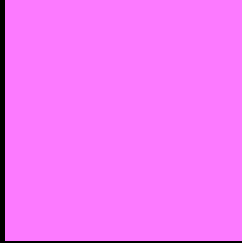
Large Text (above 18pt) WCAG AA × Fail

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 176.0320, 34.7870, 68.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

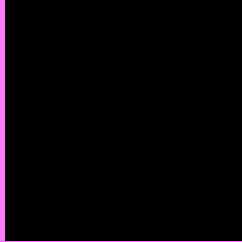
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.0320, 34.7870, 68.9230

Background



This preview shows how black text looks on a background with the YIQ color 176.0320, 34.7870, 68.9230.



This preview shows how white text looks on a background with the YIQ color 176.0320, 34.7870,

68.9230.

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

176.0320, 34.7870, 68.9230

Protanopia

172.5030, -43.0560, 20.4000

Deuteranopia

172.6620, -39.2500, 17.5020



Tritanopia

175.3600, 52.4930, 23.3490

Trichromacy



Original Color

176.0320, 34.7870, 68.9230



Protanomaly

173.5980, -14.8620, 38.0820



Deuteranomaly

174.0990, -12.0190, 36.1170

Tritanomaly

175.3770, 45.7960, 40.1000

Monochromacy



Original Color

176.0320, 34.7870, 68.9230



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.9380, 12.8790, 25.4150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0320, 34.7870, 68.9230 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(252, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 122, 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(252, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 122, 255) }
```

Border

The CSS property to change the border of an element to YIQ 176.0320, 34.7870, 68.9230 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(252, 122, 255) }
```


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

```
.border{ border-color:rgb(252, 122, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 122,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0320, 34.7870, 68.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 122, 255) }
```

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

```
.background{ background-color: rgb(252,  
122, 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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