

Converting Colors

YIQ(173.3440, 42.5360, 66.1520)

Have a look what the booklet for
YIQ(173.3440, 42.5360, 66.1520)
contains.

YIQ(173.3440, 42.5360, 66.1520)	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(173.3440, 42.5360,
66.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	FF77EF
RGB	255, 119, 239
RGB Percent	100%, 47%, 94%
CMY	0.0000, 0.5335, 0.0627
CMYK	0.00, 0.53, 0.06, 0.00
HSL	307°, 100%, 73%
HSV	307°, 53%, 100%
XYZ	63.4129, 40.6733, 86.1848
YIQ	173.3440, 42.5360, 66.1520

Conversions

Conversions Part 2

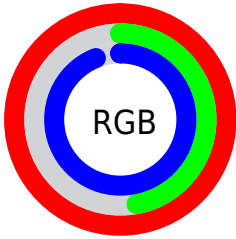
Format	Color
R_{YB}	255, 119, 239
Decimal	16742383
CIE _{Lab}	69.95, 66.44, -36.82
CIE _{LCh}	70, 75.964, 331.004
Yxy	40.6733, 0.3333, 0.2138
Android (android.graphics.Color)	4294932463 (0xFFFF77EF)
YUV	173.3440, 32.3684, 71.6123
Hunter-Lab	63.7756, 65.8776, -35.4802

Details

The YIQ color **173.3440, 42.5360, 66.1520** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **200.6560, -42.5360, -66.1520**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6270, 21.7250, 41.3170**, and **115.2730, 41.2980, 66.5620** is the 20% darker color. If you saturate the color by 10%, you get **157.7400, 50.6490, 78.8170**, and if you desaturate by 10%, it is **188.3610, 34.6980, 54.0100**.

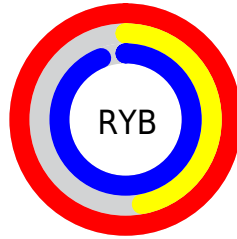
Distribution



Red (100%)

Green (47%)

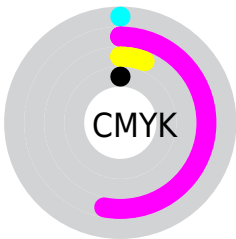
Blue (94%)



Red (100%)

Yellow (47%)

Blue (94%)

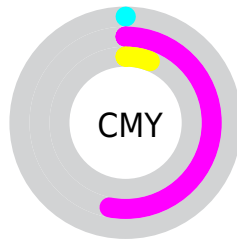


Cyan (0%)

Magenta (53%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.3440, 42.5360, 66.1520 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 173.3440, 42.5360, 66.1520 by changing the saturation by 10% instead.


 173.3440, 42.5360,
66.1520


 173.3440, 42.5360,
66.1520


255.0000, -0.0000,
-0.0000


 144.0450, 41.9400,
65.9400


 208.6270, 21.7250,
41.3170


 115.2730, 41.2980,
66.5620


 225.6500, 13.7500,
26.1500

 81.6910, 43.1770,
71.0570

 243.2600, 5.5000,
10.4600

 55.9680, 40.8390,
69.3750

 44.7460, 32.1760,
55.6640

 33.8230, 24.1090,
42.1650

 23.7260, 16.5920,

29.7120

■ 11.8350, 5.4990,
15.9870

■ 0.5700, -1.6050,
1.5550

■ 173.3440, 42.5360,
66.1520

■ 173.3440, 42.5360,
66.1520

■ 157.7400, 50.6490,
78.8170

■ 188.3610, 34.6980,
54.0100

■ 142.7230, 58.4870,
90.9590

■ 203.9650, 26.5850,
41.3450

■ 127.1190, 66.6000,
103.6240

■ 218.9820, 18.7470,
29.2030

■ 112.1020, 74.4380,
115.7660

■ 234.5860, 10.6340,
16.5380

■ 101.8950, 79.7550,
124.0350

■ 249.6030, 2.7960,
4.3960

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.



168.8360, -21.4640, 36.5840



173.3440, 42.5360, 66.1520



153.9660, 69.5430, 55.7750

Triad

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



173.3440, 42.5360, 66.1520



159.6010, 73.9170, -45.5630



145.9340, -132.5900, -31.0060

Complementary

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



173.3440, 42.5360, 66.1520



200.6560, -42.5360, -66.1520

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.



138.0680, -110.4410, -52.4650



173.3440, 42.5360, 66.1520



152.9990, 16.6540, -59.5540

Square

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



173.3440, 42.5360, 66.1520



163.9140, 99.4020, -6.3100



127.6260, -86.5500, -72.4540



143.5350, -135.4800, -22.6800

Rectangle

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



173.3440, 42.5360, 66.1520



151.6570, 82.9340, 38.8540



127.6260, -86.5500, -72.4540



144.1270, -126.1240, -38.0600

Sweetspot

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



173.3440, 42.5360, 66.1520



230.3630, 12.8800, 19.8880



139.2880, -34.1200, 45.6880



112.9830, 7.8380, 12.1420



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.



173.3440, 42.5360, 66.1520



157.1530, 50.9240, 79.3400



165.5920, 64.3640, 45.0040



120.1410, 4.2170, 6.1770



76.3750, 59.5870, 93.0510



25.5200, 20.1680, 30.9840

Inverse Universe

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



173.3440, 42.5360, 66.1520



157.1530, 50.9240, 79.3400



208.4080, -64.3640, -45.0040



120.1410, 4.2170, 6.1770



76.3750, 59.5870, 93.0510



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 173.3440, 42.5360, 66.1520 looks on a white background.

Color Contrast Check

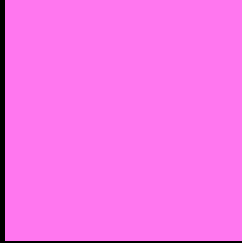
Large Text (above 18pt) WCAG AA × Fail

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 173.3440, 42.5360, 66.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

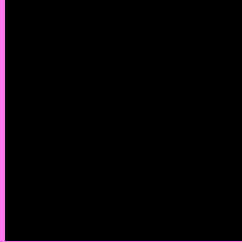
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.3440, 42.5360, 66.1520

Background



This preview shows how black text looks on a background with the YIQ color 173.3440, 42.5360, 66.1520.



This preview shows how white text looks on a background with the YIQ color 173.3440, 42.5360,

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

173.3440, 42.5360, 66.1520

Protanopia

170.4320, -44.2940, 20.8100

Deuteranopia

171.7680, -27.9250, 16.0030



Tritanopia

172.6490, 59.0490, 25.6810

Trichromacy



Original Color

173.3440, 42.5360, 66.1520



Protanomaly

171.4410, -12.9820, 37.0500



Deuteranomaly

172.3080, -2.4820, 33.9820



Tritanomaly

172.7970, 53.3610, 40.6650

Monochromacy



Original Color

173.3440, 42.5360, 66.1520



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.9660, 15.6760, 24.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3440, 42.5360, 66.1520 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, 119, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 239)  
}
```

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, 119, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 239) }
```

Border

The CSS property to change the border of an element to YIQ 173.3440, 42.5360, 66.1520 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, 119, 239) }
```


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

```
.border{ border-color:rgb(255, 119, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3440, 42.5360, 66.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 239) }
```

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

```
.background{ background-color: rgb(255,  
119, 239) }
```

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