

Converting Colors

YIQ(168.7560, 52.5790, 54.8430)

Have a look what the booklet for
YIQ(168.7560, 52.5790, 54.8430)
contains.

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Color

**YIQ(168.7560, 52.5790,
54.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	FD77CC
RGB	253, 119, 204
RGB Percent	99%, 47%, 80%
CMY	0.0075, 0.5335, 0.1999
CMYK	0.00, 0.53, 0.19, 0.01
HSL	322°, 97%, 73%
HSV	322°, 53%, 99%
XYZ	58.0361, 38.4421, 61.5109
YIQ	168.7560, 52.5790, 54.8430

Conversions

Conversions Part 2

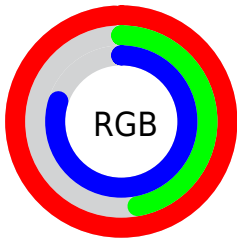
Format	Color
RYB	253, 119, 204
Decimal	16611276
CIELab	68.35, 60.63, -19.91
CIELCh	68, 63.815, 341.820
Yxy	38.4421, 0.3673, 0.2433
Android (android.graphics.Color)	4294801356 (0xFFFD77CC)
YUV	168.7560, 17.3753, 73.8820
Hunter-Lab	62.0017, 58.5803, -15.4194

Details

The YIQ color **168.7560, 52.5790, 54.8430** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **203.2440, -52.5790, -54.8430**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0400, 22.0000, 41.8400**, and **111.5000, 50.4240, 55.3520** is the 20% darker color. If you saturate the color by 10%, you get **153.0550, 62.3430, 65.1190**, and if you desaturate by 10%, it is **184.4570, 42.8150, 44.5670**.

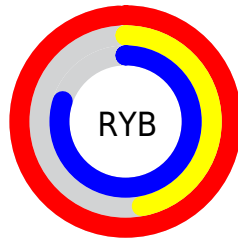
Distribution



Red (99%)

Green (47%)

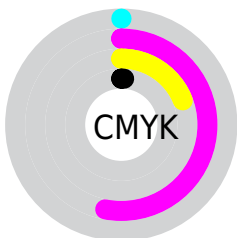
Blue (80%)



Red (99%)

Yellow (47%)

Blue (80%)

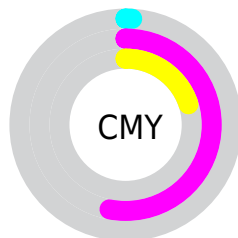


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.7560, 52.5790, 54.8430 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 168.7560, 52.5790, 54.8430 by changing the saturation by 10% instead.


 168.7560, 52.5790,
54.8430


 168.7560, 52.5790,
54.8430


255.0000, -0.0000,
-0.0000

 140.2720, 51.0660,
54.7300


 208.0400, 22.0000,
41.8400


 111.5000, 50.4240,
55.3520


 225.0630, 14.0250,
26.6730

 80.4940, 50.5610,
58.3770

 242.0860, 6.0500,
11.5060

 51.9500, 49.2770,
59.6210

 40.8420, 40.2930,
46.2210

 30.1470, 31.5840,
33.3440

 20.2780, 23.4250,

21.5130

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 168.7560, 52.5790,
54.8430

■ 168.7560, 52.5790,
54.8430

■ 153.0550, 62.3430,
65.1190

■ 184.4570, 42.8150,
44.5670

■ 136.7670, 72.3820,
75.9180

■ 200.8590, 32.4550,
34.0790

■ 120.9520, 82.4670,
85.8830

■ 216.5600, 22.6910,
23.8030

■ 105.2510, 92.2310,
96.1590

■ 232.2610, 12.9270,
13.5270

■ 94.0010, 99.1070,
103.7070

■ 247.9620, 3.1630,
3.2510

■ 254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



171.1100, -1.3840, 47.1280



168.7560, 52.5790, 54.8430



159.2200, 74.0390, 40.3670

Triad

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



168.7560, 52.5790, 54.8430



157.3760, 44.1140, -39.5820



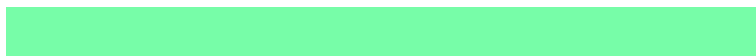
140.2920, -130.4820, -25.1540

Complementary

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



168.7560, 52.5790, 54.8430



203.2440, -52.5790, -54.8430

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.



135.4240, -114.0190, -42.6830



168.7560, 52.5790, 54.8430



150.6330, -8.1980, -49.6860

Square

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



168.7560, 52.5790, 54.8430



162.0250, 76.8000, -15.2000



127.4100, -94.2090, -60.2970



136.4910, -132.1800, -16.4040

Rectangle

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



168.7560, 52.5790, 54.8430



159.6980, 83.7160, 24.6760



127.4100, -94.2090, -60.2970



139.0550, -125.6210, -30.6530

Sweetspot

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



168.7560, 52.5790, 54.8430



229.2230, 16.0900, 16.7780



148.3290, -15.0020, 51.6380



112.2990, 9.7640, 10.2760



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.



168.7560, 52.5790, 54.8430



152.4790, 64.0850, 66.5890



161.3460, 73.4440, 34.6280



119.7990, 5.1800, 5.2440



70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Inverse Universe

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



168.7560, 52.5790, 54.8430



152.4790, 64.0850, 66.5890



210.6540, -73.4440, -34.6280



119.7990, 5.1800, 5.2440



70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 168.7560, 52.5790, 54.8430 looks on a white background.

Color Contrast Check

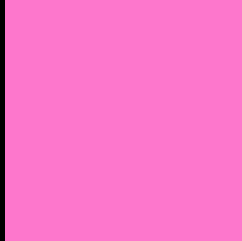
Large Text (above 18pt) WCAG AA × Fail

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 168.7560, 52.5790, 54.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

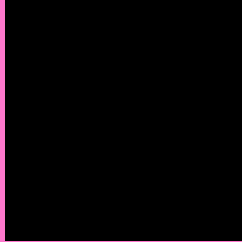
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.7560, 52.5790, 54.8430

Background



This preview shows how black text looks on a background with the YIQ color 168.7560, 52.5790, 54.8430.



This preview shows how white text looks on a background with the YIQ color 168.7560, 52.5790,

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

168.7560, 52.5790, 54.8430

Protanopia

166.9290, -35.6280, 17.9400

Deuteranopia

168.6700, -7.3380, 11.8460



Tritanopia

168.1120, 65.0550, 26.9670

Trichromacy



Original Color

168.7560, 52.5790, 54.8430



Protanomaly

167.5420, -3.2610, 31.5790



Deuteranomaly

168.8890, 14.5750, 27.7190



Tritanomaly

168.3970, 60.2390, 37.1590

Monochromacy



Original Color

168.7560, 52.5790, 54.8430



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

169.1850, 19.2530, 20.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7560, 52.5790, 54.8430 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(253, 119, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 119, 204)  
}
```

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(253, 119, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 119, 204) }
```

Border

The CSS property to change the border of an element to YIQ 168.7560, 52.5790, 54.8430 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(253, 119, 204) }
```


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

```
.border{ border-color:rgb(253, 119, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 119, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 119, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 119, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 119,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7560, 52.5790, 54.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 119, 204) }
```

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

```
.background{ background-color: rgb(253,  
119, 204) }
```

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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