

Converting Colors

YIQ(159.8950, 43.0830, 83.7790)

Have a look what the booklet for
YIQ(159.8950, 43.0830, 83.7790)
contains.

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Color

**YIQ(159.8950, 43.0830,
83.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	FD5EFF
RGB	253, 94, 255
RGB Percent	99%, 37%, 100%
CMY	0.0074, 0.6316, 0.0000
CMYK	0.01, 0.63, 0.00, 0.00
HSL	299°, 100%, 68%
HSV	299°, 63%, 100%
XYZ	62.5993, 36.1192, 98.2801
YIQ	159.8950, 43.0830, 83.7790

Conversions

Conversions Part 2

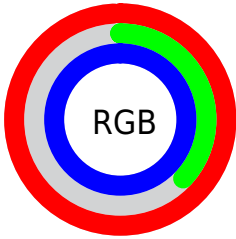
Format	Color
R _{YB}	253, 94, 255
Decimal	16604927
CIE Lab	66.61, 78.94, -50.85
CIE LCh	67, 93.904, 327.212
Yxy	36.1192, 0.3178, 0.1833
Android (android.graphics.Color)	4294795007 (0xFFFD5EFF)
YUV	159.8950, 46.8868, 81.6531
Hunter-Lab	60.0992, 80.7517, -54.8873

Details

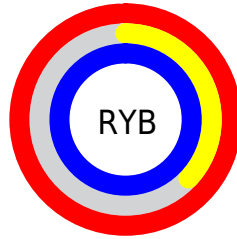
The YIQ color **159.8950, 43.0830, 83.7790** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **189.1050, -43.0830, -83.7790**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 27.7750, 52.8230**, and **89.6710, 47.0700, 94.1260** is the 20% darker color. If you saturate the color by 10%, you get **144.6330, 50.2330, 97.3770**, and if you desaturate by 10%, it is **174.5700, 36.2080, 70.7040**.

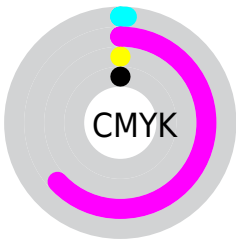
Distribution



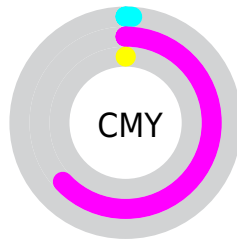
- Red (99%)
- Green (37%)
- Blue (100%)



- Red (99%)
- Yellow (37%)
- Blue (100%)



- Cyan (1%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.8950, 43.0830, 83.7790 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 159.8950, 43.0830, 83.7790 by changing the saturation by 10% instead.


 159.8950, 43.0830,
83.7790


 159.8950, 43.0830,
83.7790


255.0000, -0.0000,
-0.0000


 128.2480, 43.5870,
85.6590


 195.7130, 27.7750,
52.8230


 89.0840, 47.3450,
94.6490


 212.7360, 19.8000,
37.6560


 68.1170, 42.5780,
87.4260

 230.3460, 11.5500,
21.9660

 56.3680, 33.9610,
72.8810

 247.9560, 3.3000,
6.2760

 45.0320, 25.6190,
58.8590

 33.3970, 16.6810,
44.6250

 22.5880, 8.2930,

31.4370

■ 9.8000, -4.5880,
17.0760

■ 3.0950, -7.3370,
6.3190

■ 159.8950, 43.0830,
83.7790

■ 159.8950, 43.0830,
83.7790

■ 144.6330, 50.2330,
97.3770

■ 174.5700, 36.2080,
70.7040

■ 129.9580, 57.1080,
110.4520

■ 190.1310, 29.6540,
57.3180

■ 114.3970, 63.6620,
123.8380

■ 204.8060, 22.7790,
44.2430

■ 104.4180, 68.3370,
132.7290

■ 220.0680, 15.6290,
30.6450

■ 235.0420, 9.3500,
17.7820

■ 250.3040, 2.2000,
4.1840

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.



152.1800, -43.1040, 32.2880



159.8950, 43.0830, 83.7790



121.9090, 84.0260, 85.1620

Triad

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



159.8950, 43.0830, 83.7790



151.9700, 77.4920, -38.7640



143.3580, -130.8480, -29.5360

Complementary

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



159.8950, 43.0830, 83.7790



189.1050, -43.0830, -83.7790

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.



132.8530, -102.6460, -56.0700



159.8950, 43.0830, 83.7790



140.9530, 22.2950, -68.1770

Square

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



159.8950, 43.0830, 83.7790



145.5110, 119.5300, -7.6540



119.5440, -72.0600, -81.7560



141.7740, -134.6550, -21.1110

Rectangle

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



159.8950, 43.0830, 83.7790



119.6340, 100.0770, 64.0850



119.5440, -72.0600, -81.7560



140.1660, -121.8600, -38.2440

Sweetspot

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



159.8950, 43.0830, 83.7790



226.5250, 12.6040, 24.8920



114.1150, -52.5060, 48.5020



110.0910, 7.6540, 15.4780



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.



159.8950, 43.0830, 83.7790



140.5240, 52.1580, 101.0380



151.6010, 69.3130, 59.9450



120.0700, 2.9790, 6.5870



78.2850, 51.3330, 99.4690



26.1330, 17.0040, 33.2600

Inverse Universe

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



142.3670, 95.3140, 34.7540



119.2340, 114.9820, 41.7500



197.3990, -69.3130, -59.9450



118.8870, 7.7480, 2.7560



57.3370, 113.1940, 41.1140



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 159.8950, 43.0830, 83.7790 looks on a white background.

Color Contrast Check

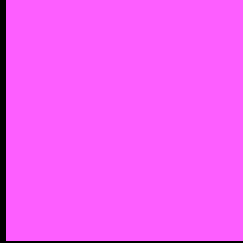
Large Text (above 18pt) WCAG AA × Fail

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 159.8950, 43.0830, 83.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

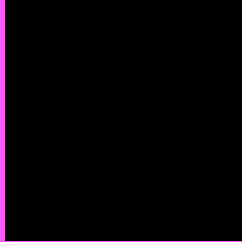
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.8950, 43.0830, 83.7790

Background



This preview shows how black text looks on a background with the YIQ color 159.8950, 43.0830, 83.7790.



This preview shows how white text looks on a background with the YIQ color 159.8950, 43.0830,

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

159.8950, 43.0830, 83.7790

Protanopia

159.4790, -51.6760, 22.4360

Deuteranopia

159.3990, -48.6950, 17.9690



Tritanopia

162.9160, 62.6710, 26.1190

Trichromacy



Original Color

159.8950, 43.0830, 83.7790



Protanomaly

159.4440, -17.0640, 44.9520



Deuteranomaly

159.8200, -15.3670, 41.7290

Tritanomaly

161.6820, 55.4230, 47.3510

Monochromacy



Original Color

159.8950, 43.0830, 83.7790



Achromatopsia

160.0000, 0.0000, -0.0000



Achromatomaly

160.0680, 15.6290, 30.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8950, 43.0830, 83.7790 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, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 94, 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(253, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 94, 255) }
```

Border

The CSS property to change the border of an element to YIQ 159.8950, 43.0830, 83.7790 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, 94, 255) }
```


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

```
.border{ border-color:rgb(253, 94, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 94, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 94,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8950, 43.0830, 83.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 94, 255) }
```

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

```
.background{ background-color: rgb(253, 94,  
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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