

Converting Colors

YIQ(169.8850, 39.8750, 75.8350)

Have a look what the booklet for
YIQ(169.8850, 39.8750, 75.8350)
contains.

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Color

**YIQ(169.8850, 39.8750,
75.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EFF
RGB	255, 110, 255
RGB Percent	100%, 43%, 100%
CMY	0.0000, 0.5688, 0.0000
CMYK	0.00, 0.57, 0.00, 0.00
HSL	300°, 100%, 72%
HSV	300°, 57%, 100%
XYZ	64.8594, 39.6188, 98.8365
YIQ	169.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

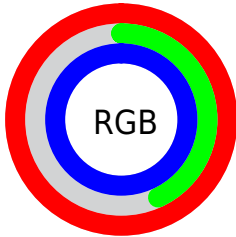
Format	Color
R _Y B	255, 110, 255
Decimal	16740095
CIE _{Lab}	69.20, 72.97, -46.76
CIE _{LCh}	69, 86.665, 327.349
Y _{xy}	39.6188, 0.3190, 0.1949
Android (android.graphics.Color)	4294930175 (0xFFFF6EFF)
YUV	169.8850, 41.9617, 74.6459
Hunter-Lab	62.9435, 73.7823, -49.0392

Details

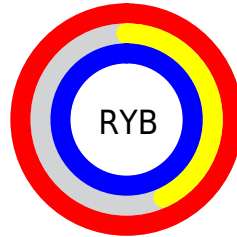
The YIQ color **169.8850, 39.8750, 75.8350** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **195.1150, -39.8750, -75.8350**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9310, 23.9250, 45.5010**, and **109.0530, 39.4620, 77.8140** is the 20% darker color. If you saturate the color by 10%, you get **154.6230, 47.0250, 89.4330**, and if you desaturate by 10%, it is **184.5600, 33.0000, 62.7600**.

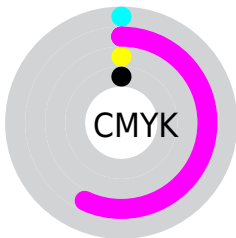
Distribution



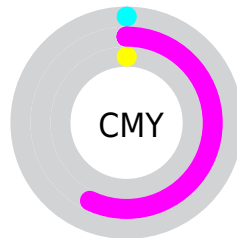
- Red (100%)
- Green (43%)
- Blue (100%)



- Red (100%)
- Yellow (43%)
- Blue (100%)



- Cyan (0%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.8850, 39.8750, 75.8350 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 169.8850, 39.8750, 75.8350 by changing the saturation by 10% instead.


 169.8850, 39.8750,
75.8350


 169.8850, 39.8750,
75.8350


255.0000, -0.0000,
-0.0000

 139.9990, 39.5540,
76.1460


 203.9310, 23.9250,
45.5010


 109.0530, 39.4620,
77.8140


 220.9540, 15.9500,
30.3340

 69.0140, 44.3660,
88.0620

 238.5640, 7.7000,
14.6440

 57.2650, 35.7490,
73.5170

 45.9290, 27.4070,
59.4950

 34.7070, 18.7440,
45.7840

 24.4960, 11.5480,

33.0200

■ 12.1920, 0.1800,
18.7720

■ 3.0950, -7.3370,
6.3190

■ 169.8850, 39.8750,
75.8350

■ 169.8850, 39.8750,
75.8350

■ 154.6230, 47.0250,
89.4330

■ 184.5600, 33.0000,
62.7600

■ 139.9480, 53.9000,
102.5080

■ 199.8220, 25.8500,
49.1620

■ 124.6860, 61.0500,
116.1060

■ 214.4970, 18.9750,
36.0870

■ 110.0110, 67.9250,
129.1810

■ 229.7590, 11.8250,
22.4890

■ 105.3150, 70.1250,
133.3650

■ 244.4340, 4.9500,
9.4140

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.



161.6600, -35.7680, 31.4960



169.8850, 39.8750, 75.8350



141.8500, 73.3460, 69.4580

Triad

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



169.8850, 39.8750, 75.8350



158.1720, 79.7390, -40.9410



146.4070, -132.5440, -31.8400

Complementary

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



169.8850, 39.8750, 75.8350



195.1150, -39.8750, -75.8350

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.



137.2870, -106.8640, -56.7200



169.8850, 39.8750, 75.8350



148.3620, 28.3930, -68.5590

Square

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



169.8850, 39.8750, 75.8350



154.9490, 109.4890, -7.3990



124.4170, -78.8920, -79.0840



144.7090, -136.0300, -23.7260

Rectangle

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



169.8850, 39.8750, 75.8350



138.2700, 88.9380, 51.1940



124.4170, -78.8920, -79.0840



144.1440, -124.7940, -40.1380

Sweetspot

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



169.8850, 39.8750, 75.8350



229.7590, 11.8250, 22.4890



126.5300, -46.5450, 45.0950



112.7380, 7.1500, 13.5980



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.



169.8850, 39.8750, 75.8350



153.4490, 47.5750, 90.4790



161.5630, 63.3080, 53.1320



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Inverse Universe

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



169.8850, 39.8750, 75.8350



153.4490, 47.5750, 90.4790



203.3230, -62.9870, -53.4430



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 169.8850, 39.8750, 75.8350 looks on a white background.

Color Contrast Check

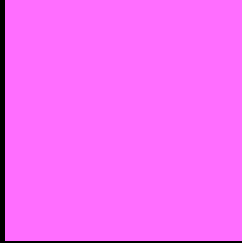
Large Text (above 18pt) WCAG AA × Fail

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 169.8850, 39.8750, 75.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

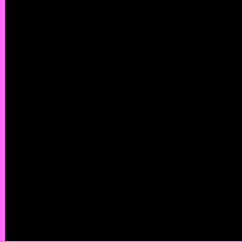
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.8850, 39.8750, 75.8350

Background



This preview shows how black text looks on a background with the YIQ color 169.8850, 39.8750, 75.8350.



This preview shows how white text looks on a background with the YIQ color 169.8850, 39.8750,

75.8350.

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

169.8850, 39.8750, 75.8350

Protanopia

168.0620, -46.1280, 21.0080

Deuteranopia

167.8080, -42.5970, 17.5870



Tritanopia

170.3500, 58.4530, 25.4690

Trichromacy



Original Color

169.8850, 39.8750, 75.8350



Protanomaly

168.5920, -14.7250, 41.1070



Deuteranomaly

168.7940, -12.4780, 38.9300

Tritanomaly

170.4210, 51.6640, 43.8880

Monochromacy



Original Color

169.8850, 39.8750, 75.8350



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

169.8890, 14.5750, 27.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.8850, 39.8750, 75.8350 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, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 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(255, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 255) }
```

Border

The CSS property to change the border of an element to YIQ 169.8850, 39.8750, 75.8350 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, 110, 255) }
```


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

```
.border{ border-color:rgb(255, 110, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 169.8850, 39.8750, 75.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 255) }
```

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

```
.background{ background-color: rgb(255,  
110, 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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