

Converting Colors

YIQ(156.2350, 69.6830, 42.2190)

Have a look what the booklet for
YIQ(156.2350, 69.6830, 42.2190)
contains.

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Color

**YIQ(156.2350, 69.6830,
42.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	F96E97
RGB	249, 110, 151
RGB Percent	98%, 43%, 59%
CMY	0.0232, 0.5688, 0.4076
CMYK	0.00, 0.56, 0.39, 0.02
HSL	342°, 92%, 70%
HSV	342°, 56%, 98%
XYZ	50.2599, 33.5321, 33.1281
YIQ	156.2350, 69.6830, 42.2190

Conversions

Conversions Part 2

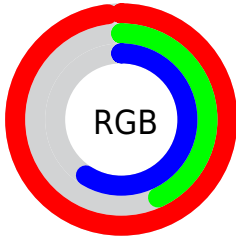
Format	Color
R_{YB}	249, 110, 151
Decimal	16346775
CIE _{Lab}	64.59, 56.96, 4.43
CIE _{LCh}	65, 57.129, 4.448
Yxy	33.5321, 0.4299, 0.2868
Android (android.graphics.Color)	4294536855 (0xFFFF96E97)
YUV	156.2350, -2.5809, 81.3549
Hunter-Lab	57.9069, 53.5908, 6.6155

Details

The YIQ color **156.2350, 69.6830, 42.2190** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.7650, -69.6830, -42.2190**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.0570, 40.5250, 30.9970**, and **98.7230, 65.3730, 43.2370** is the 20% darker color. If you saturate the color by 10%, you get **139.6220, 82.0150, 50.0070**, and if you desaturate by 10%, it is **172.9620, 57.0300, 34.7420**.

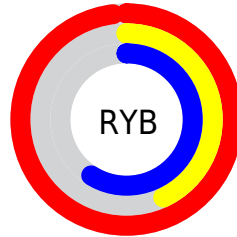
Distribution



Red (98%)

Green (43%)

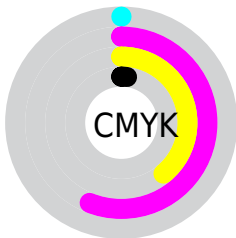
Blue (59%)



Red (98%)

Yellow (43%)

Blue (59%)

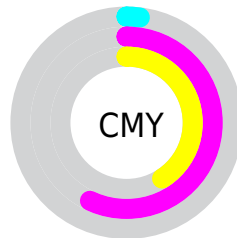


Cyan (0%)

Magenta (56%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (57%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.2350, 69.6830, 42.2190 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 156.2350, 69.6830, 42.2190 by changing the saturation by 10% instead.


 156.2350, 69.6830,
42.2190


 156.2350, 69.6830,
42.2190


255.0000, -0.0000,
-0.0000


 127.8650, 67.8490,
42.4170


 197.0570, 40.5250,
30.9970

 99.0220, 65.9690,
43.4490


 216.6850, 23.8370,
25.0610


 66.2980, 65.3720,
48.7640

 236.2160, 8.8000,
16.7360

 45.0260, 60.1460,
44.3540

253.8260, 0.5500,
1.0460

 33.9610, 49.6030,
31.6750

 22.8530, 40.6190,
18.2750

 13.6830, 26.1780,

10.1620

■ 0.0000, 0.0000,
0.0000

■ 156.2350, 69.6830,
42.2190

■ 156.2350, 69.6830,
42.2190

■ 139.6220, 82.0150,
50.0070

■ 172.9620, 57.0300,
34.7420

■ 122.8950, 94.6680,
57.4840

■ 189.5750, 44.6980,
26.9540

■ 106.1680,
107.3210, 64.9610

■ 206.3020, 32.0450,
19.4770

■ 89.5550, 119.6530,
72.7490

■ 222.9150, 19.7130,
11.6890

■ 82.8870, 124.6500,
75.8020

■ 239.0550, 7.3350,
4.7350

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



160.1560, 36.5330, 48.2850



156.2350, 69.6830, 42.2190



154.7360, 80.5530, 21.4250

Triad

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



156.2350, 69.6830, 42.2190



144.5040, 5.6470, -41.7850



129.8230, -127.1830, -13.3510

Complementary

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



156.2350, 69.6830, 42.2190



202.7650, -69.6830, -42.2190

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.



129.9420, -117.8730, -27.8970



156.2350, 69.6830, 42.2190



128.9860, -60.4200, -50.4040

Square

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



156.2350, 69.6830, 42.2190



150.4400, 47.2300, -29.9700



125.4160, -102.3730, -44.4930



141.2290, -89.4990, 8.5570

Rectangle

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



156.2350, 69.6830, 42.2190



154.1030, 77.3010, 3.2610



125.4160, -102.3730, -44.4930



130.5580, -125.1190, -17.7190

Sweetspot

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



156.2350, 69.6830, 42.2190



226.2250, 21.7760, 12.8480



154.8490, 13.1930, 63.7930



110.6860, 12.9280, 8.0000



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.



156.2350, 69.6830, 42.2190



140.9430, 85.5450, 52.1130



167.9970, 75.1440, 14.8240



116.3430, 6.4640, 4.0000



62.8950, 94.6680, 57.4840



20.2910, 30.5780, 18.5300

Inverse Universe

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



156.2350, 69.6830, 42.2190



140.9430, 85.5450, 52.1130



191.0030, -75.1440, -14.8240



116.3430, 6.4640, 4.0000



62.8950, 94.6680, 57.4840



20.2910, 30.5780, 18.5300

Previews

White Background



This preview shows how the YIQ color 156.2350, 69.6830, 42.2190 looks on a white background.

Color Contrast Check

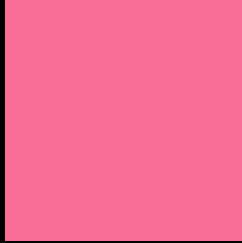
Large Text (above 18pt) WCAG AA × Fail

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 156.2350, 69.6830, 42.2190 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 156.2350, 69.6830, 42.2190

Background



This preview shows how black text looks on a background with the YIQ color 156.2350, 69.6830, 42.2190.



This preview shows how white text looks on a background with the YIQ color 156.2350, 69.6830,

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

156.2350, 69.6830, 42.2190

Protanopia

157.9100, -8.2540, 6.4180

Deuteranopia

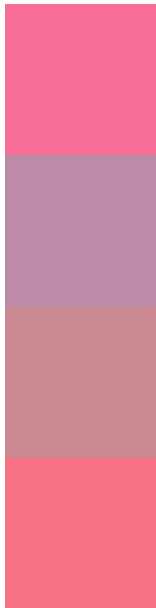
158.6770, 17.1470, 3.1230



Tritanopia

155.3800, 76.1040, 30.4720

Trichromacy



Original Color

156.2350, 69.6830, 42.2190

Protanomaly

157.2560, 20.4910, 19.6190

Deuteranomaly

157.8740, 36.1260, 17.1020

Tritanomaly

155.6450, 74.0400, 34.8400

Monochromacy



Original Color

156.2350, 69.6830, 42.2190

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9590, 25.5810, 15.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2350, 69.6830, 42.2190 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(249, 110, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 110, 151)  
}
```

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(249, 110, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 110, 151) }
```

Border

The CSS property to change the border of an element to YIQ 156.2350, 69.6830, 42.2190 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(249, 110, 151) }
```


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

```
.border{ border-color:rgb(249, 110, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 110, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 110, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 110, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 110,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2350, 69.6830, 42.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 110, 151) }
```

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

```
.background{ background-color: rgb(249,  
110, 151) }
```

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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