

Converting Colors

YIQ(151.8950, 76.3320, 37.3560)

Have a look what the booklet for
YIQ(151.8950, 76.3320, 37.3560)
contains.

YIQ(151.8950, 76.3320, 37.3560)	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(151.8950, 76.3320,
37.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	F86B83
RGB	248, 107, 131
RGB Percent	97%, 42%, 51%
CMY	0.0271, 0.5806, 0.4860
CMYK	0.00, 0.57, 0.47, 0.03
HSL	350°, 91%, 70%
HSV	350°, 57%, 97%
XYZ	48.0963, 32.1165, 25.1627
YIQ	151.8950, 76.3320, 37.3560

Conversions

Conversions Part 2

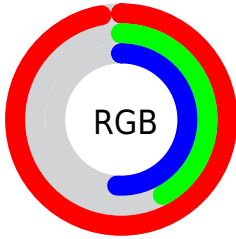
Format	Color
R _Y B	248, 107, 131
Decimal	16280451
CIE Lab	63.44, 56.03, 14.23
CIE LCh	63, 57.807, 14.251
Yxy	32.1165, 0.4564, 0.3048
Android (android.graphics.Color)	4294470531 (0xFFFF86B83)
YUV	151.8950, -10.3012, 84.2841
Hunter-Lab	56.6714, 52.3155, 13.3447

Details

The YIQ color **151.8950, 76.3320, 37.3560** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **203.1050, -76.3320, -37.3560**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.9020, 48.0910, 26.0350**, and **94.6110, 71.3800, 38.9960** is the 20% darker color. If you saturate the color by 10%, you get **134.9400, 89.6270, 44.2110**, and if you desaturate by 10%, it is **168.9640, 62.7160, 30.8120**.

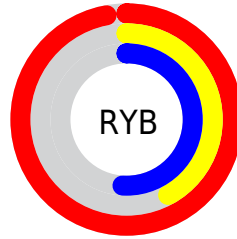
Distribution



Red (97%)

Green (42%)

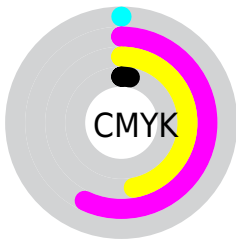
Blue (51%)



Red (97%)

Yellow (42%)

Blue (51%)

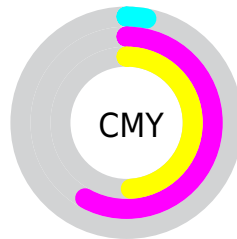


Cyan (0%)

Magenta (57%)

Yellow (47%)

Black (3%)



Cyan (3%)


Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.8950, 76.3320, 37.3560 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 151.8950, 76.3320, 37.3560 by changing the saturation by 10% instead.


 151.8950, 76.3320,
37.3560


 151.8950, 76.3320,
37.3560


255.0000, -0.0000,
-0.0000

 123.3400, 73.5810,
37.6530


 192.9020, 48.0910,
26.0350


 94.6110, 71.3800,
38.9960


 212.4160, 31.7240,
19.7880


 60.7130, 71.3330,
45.3570

 232.7450, 14.4400,
13.6400

 42.3050, 63.4940,
38.7420

 252.0650, 1.3750,
2.6150

 31.3540, 52.6300,
26.3740

 21.0440, 41.3990,
15.1510

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 151.8950, 76.3320,
37.3560

■ 151.8950, 76.3320,
37.3560

■ 134.9400, 89.6270,
44.2110

■ 168.9640, 62.7160,
30.8120

■ 117.8710,
103.2430, 50.7550

■ 185.9190, 49.4210,
23.9570

■ 101.3890,
116.5840, 56.7760

■ 202.4010, 36.0800,
17.9360

■ 84.4340, 129.8790,
63.6310

■ 219.3560, 22.7850,
11.0810

■ 78.9400, 134.3260,
65.6380

■ 236.4250, 9.1690,
4.5370

252.7930, -3.8510,
-1.7950

252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



155.9850, 50.1960, 48.4680



151.8950, 76.3320, 37.3560



151.1670, 80.4170, 12.8730

Triad

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



151.8950, 76.3320, 37.3560



138.3540, -11.5460, -44.0740



126.7570, -126.8170, -8.9690

Complementary

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



151.8950, 76.3320, 37.3560



203.1050, -76.3320, -37.3560

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.



128.8480, -120.3040, -22.3840



151.8950, 76.3320, 37.3560



118.0350, -88.4790, -54.0070

Square

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



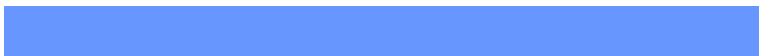
151.8950, 76.3320, 37.3560



145.7050, 35.9980, -35.6660



125.2510, -106.0420, -38.5700



148.3900, -61.6710, 21.8570

Rectangle

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



151.8950, 76.3320, 37.3560



149.9680, 72.9470, -5.9410



125.2510, -106.0420, -38.5700



128.4210, -125.9910, -12.9270

Sweetspot

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



151.8950, 76.3320, 37.3560



225.6550, 23.3810, 11.2930



157.4590, 23.2790, 68.2310



110.2300, 14.2120, 6.7560



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.



151.8950, 76.3320, 37.3560



137.0330, 93.7990, 45.6950



175.5740, 71.6610, 6.3570



116.2290, 6.7850, 3.6890



60.1590, 102.3720, 50.0200



19.3790, 33.1460, 16.0420

Inverse Universe

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



151.8950, 76.3320, 37.3560



137.0330, 93.7990, 45.6950



179.4260, -71.6610, -6.3570



116.2290, 6.7850, 3.6890



60.1590, 102.3720, 50.0200



19.3790, 33.1460, 16.0420

Previews

White Background



This preview shows how the YIQ color 151.8950, 76.3320, 37.3560 looks on a white background.

Color Contrast Check

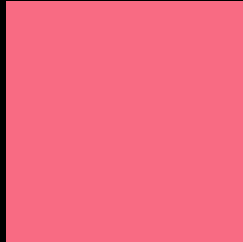
Large Text (above 18pt) WCAG AA × Fail

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 151.8950, 76.3320, 37.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

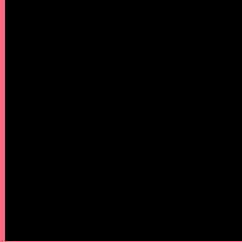
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.8950, 76.3320, 37.3560

Background



This preview shows how black text looks on a background with the YIQ color 151.8950, 76.3320, 37.3560.



This preview shows how white text looks on a background with the YIQ color 151.8950, 76.3320,

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

151.8950, 76.3320, 37.3560

Protanopia

154.1250, 1.1460, 1.2580

Deuteranopia

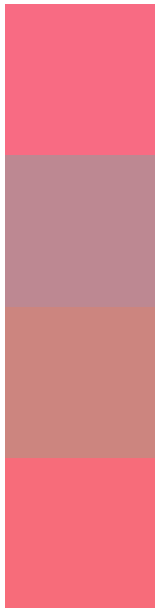
154.6470, 25.8590, -0.5810



Tritanopia

151.1740, 79.6800, 31.7440

Trichromacy



Original Color

151.8950, 76.3320, 37.3560

Protanomaly

152.9870, 28.3780, 14.3460

Deuteranomaly

153.5450, 44.2420, 13.1860

Tritanomaly

151.1570, 78.3500, 33.8220

Monochromacy



Original Color

151.8950, 76.3320, 37.3560

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1610, 27.8280, 13.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.8950, 76.3320, 37.3560 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(248, 107, 131)` looks like.

```
.text, #text, p{  
    color:rgb(248, 107, 131)  
}
```

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(248, 107, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 107, 131) }
```

Border

The CSS property to change the border of an element to YIQ 151.8950, 76.3320, 37.3560 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(248, 107, 131) }
```


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

```
.border{ border-color:rgb(248, 107, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 107, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 107, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 107, 131);  
box-shadow:4px 4px 4px 4px rgb(248, 107,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 151.8950, 76.3320, 37.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 107, 131) }
```

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

```
.background{ background-color: rgb(248,  
107, 131) }
```

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