

# Converting Colors

YIQ(149.2670, 83.8520, 33.2280)

Have a look what the booklet for  
YIQ(149.2670, 83.8520, 33.2280)  
contains.

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# Color

**YIQ(149.2670, 83.8520,  
33.2280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA6971
RGB	250, 105, 113
RGB Percent	98%, 41%, 44%
CMY	0.0193, 0.5884, 0.5565
CMYK	0.00, 0.58, 0.55, 0.02
HSL	357°, 94%, 70%
HSV	357°, 58%, 98%
XYZ	47.4870, 31.6254, 19.2488
YIQ	149.2670, 83.8520, 33.2280

# Conversions

## Conversions Part 2

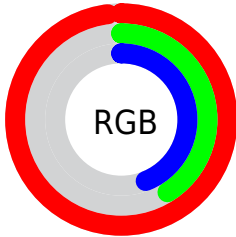
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 105, 113
Decimal	16410993
CIE Lab	63.03, 56.09, 24.01
CIE LCh	63, 61.018, 23.176
Yxy	31.6254, 0.4828, 0.3215
Android (android.graphics.Color)	4294601073 (0xFFFA6971)
YUV	149.2670, -17.8796, 88.3428
Hunter-Lab	56.2364, 52.3148, 19.0715

# Details

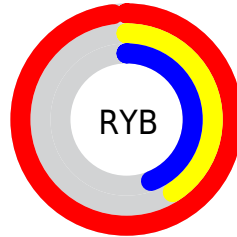
The YIQ color **149.2670, 83.8520, 33.2280** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **205.7330, -83.8520, -33.2280**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.5620, 54.7400, 21.1720**, and **91.7980, 77.9830, 34.9670** is the 20% darker color. If you saturate the color by 10%, you get **131.8560, 98.4310, 38.8390**, and if you desaturate by 10%, it is **166.6780, 69.2730, 27.6170**.

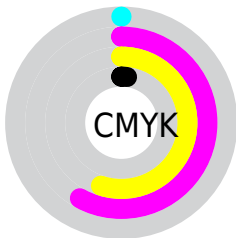
# Distribution



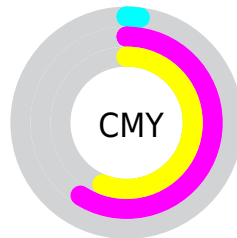
- Red (98%)
- Green (41%)
- Blue (44%)



- Red (98%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (59%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.2670, 83.8520, 33.2280 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 149.2670, 83.8520, 33.2280 by changing the saturation by 10% instead.





 149.2670, 83.8520,  
33.2280


 149.2670, 83.8520,  
33.2280


255.0000, -0.0000,  
-0.0000


 120.8260, 80.7800,  
33.8360


 189.5620, 54.7400,  
21.1720


 91.7980, 77.9830,  
34.9670


 209.0760, 38.3730,  
14.9250


 56.2530, 78.4400,  
43.2080

 229.2910, 21.4100,  
8.4660

 40.8940, 68.9050,  
34.2890

 250.0930, 4.1720,  
1.4840

 29.3020, 58.4080,  
20.7760

 20.7450, 40.8030,  
14.9390

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,  
0.0000

■ 149.2670, 83.8520,  
33.2280

■ 149.2670, 83.8520,  
33.2280

■ 131.8560, 98.4310,  
38.8390

■ 166.6780, 69.2730,  
27.6170

■ 114.5590,  
112.6890, 44.7610

■ 183.9750, 55.0150,  
21.6950

■ 97.1480, 127.2680,  
50.3720

■ 201.3860, 40.4360,  
16.0840

■ 79.8510, 141.5260,  
56.2940

■ 218.7970, 25.8570,  
10.4730

■ 76.3460, 144.5060,  
57.3540

■ 236.0940, 11.5990,  
4.5510

253.5050, -2.9800,  
-1.0600

# Harmonies

## Analogous

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



151.8680, 63.7670, 50.3190



149.2670, 83.8520, 33.2280



149.0820, 81.7940, 4.4340

# Triad

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



149.2670, 83.8520, 33.2280



131.7580, -33.4150, -49.7270



124.1640, -126.4050, -5.4210

# Complementary

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



149.2670, 83.8520, 33.2280



205.7330, -83.8520, -33.2280

# 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.



129.3840, -124.5690, -16.6730



149.2670, 83.8520, 33.2280



120.2180, -93.2480, -50.1760

# Square

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



149.2670, 83.8520, 33.2280



141.7420, 25.4080, -41.9840



126.6020, -111.2240, -32.7600



151.9520, -42.4620, 31.6660



# Rectangle

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



149.2670, 83.8520, 33.2280



147.9750, 71.0690, -15.9630



126.6020, -111.2240, -32.7600



127.0990, -127.7800, -8.0360

# Sweetspot

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



149.2670, 83.8520, 33.2280



225.0850, 24.9860, 9.7380



161.8950, 33.9150, 73.7150



109.8880, 15.1750, 5.8230



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.



149.2670, 83.8520, 33.2280



131.3620, 102.8780, 40.8460



185.3360, 69.0950, -2.2090



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.5810, 35.3930, 13.8650



# Inverse Universe

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



149.2670, 83.8520, 33.2280



131.3620, 102.8780, 40.8460



169.6640, -69.0950, 2.2090



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.5810, 35.3930, 13.8650



# Previews

## White Background



This preview shows how the YIQ color 149.2670, 83.8520, 33.2280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

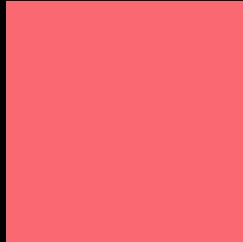
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 149.2670, 83.8520, 33.2280 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 149.2670, 83.8520, 33.2280

## Background



This preview shows how black text looks on a background with the YIQ color 149.2670, 83.8520, 33.2280.



This preview shows how white text looks on a background with the YIQ color 149.2670, 83.8520,

33.2280.

# 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

149.2670, 83.8520, 33.2280

### Protanopia

152.4540, 10.2250, -3.5910

### Deuteranopia

152.2040, 34.2960, -4.8080



## Tritanopia

149.1530, 84.1730, 32.9170

# Trichromacy



## Original Color

149.2670, 83.8520, 33.2280

## Protanomaly

151.4300, 37.1360, 9.8080

## Deuteranomaly

151.2160, 52.3580, 9.2700

## Tritanomaly

149.1530, 84.1730, 32.9170

# Monochromacy



## Original Color

149.2670, 83.8520, 33.2280

## Achromatopsia

149.0000, 0.0000, -0.0000

## Achromatomaly

149.1890, 30.6250, 12.1690

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.2670, 83.8520, 33.2280 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(250, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(250, 105, 113)  
}
```

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(250, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 105, 113) }
```

## Border

The CSS property to change the border of an element to YIQ 149.2670, 83.8520, 33.2280 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(250, 105, 113) }
```



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

```
.border{ border-color:rgb(250, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(250, 105,  
113) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.2670, 83.8520, 33.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 105, 113) }
```

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

```
.background{ background-color: rgb(250,  
105, 113) }
```

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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