

# Converting Colors

YIQ(129.3220, 100.3550,  
48.0270)

Have a look what the booklet for  
YIQ(129.3220, 100.3550, 48.0270)  
contains.

<b>YIQ(129.3220, 100.3550, 48.0270)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(129.3220, 100.3550,  
48.0270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4764
RGB	255, 71, 100
RGB Percent	100%, 28%, 39%
CMY	0.0000, 0.7218, 0.6075
CMYK	0.00, 0.72, 0.61, 0.00
HSL	350°, 100%, 64%
HSV	350°, 72%, 100%
XYZ	45.7932, 26.6786, 14.8168
YIQ	129.3220, 100.3550, 48.0270

# Conversions

## Conversions Part 2

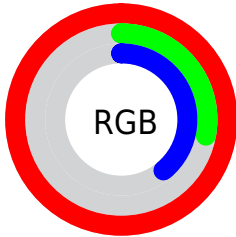
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 71, 100
Decimal	16729956
CIE <sub>Lab</sub>	58.68, 70.10, 25.88
CIE <sub>LCh</sub>	59, 74.721, 20.264
Yxy	26.6786, 0.5246, 0.3056
Android (android.graphics.Color)	4294920036 (0xFFFF4764)
YUV	129.3220, -14.4557, 110.2196
Hunter-Lab	51.6513, 67.8653, 19.1478

# Details

The YIQ color **129.3220, 100.3550, 48.0270** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **196.6780, -100.3550, -48.0270**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9430, 67.2090, 31.9850**, and **63.2650, 96.5020, 57.2860** is the 20% darker color. If you saturate the color by 10%, you get **111.6660, 114.2460, 55.0940**, and if you desaturate by 10%, it is **146.5050, 86.4180, 41.7940**.

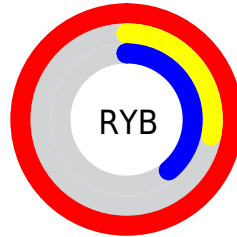
# Distribution



Red (100%)

Green (28%)

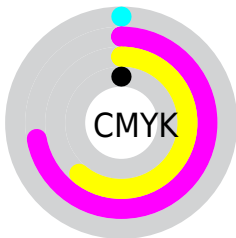
Blue (39%)



Red (100%)

Yellow (28%)

Blue (39%)

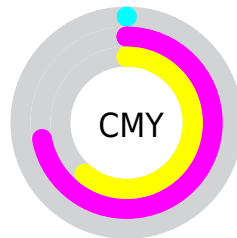


Cyan (0%)

Magenta (72%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (72%)


Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 129.3220, 100.3550, 48.0270 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 129.3220, 100.3550, 48.0270 by changing the saturation by 10% instead.





 129.3220,  
100.3550, 48.0270


 129.3220,  
100.3550, 48.0270


255.0000, -0.0000,  
-0.0000


 95.2990, 99.1620,  
53.1300


 170.9430, 67.2090,  
31.9850


 63.2650, 96.5020,  
57.2860


 190.9300, 50.8880,  
24.9040


 51.6020, 84.7670,  
44.1830


 211.1450, 33.9250,  
18.4450

 39.6400, 72.4360,  
30.8680

 231.9470, 16.6870,  
11.4630

 29.1170, 57.4910,  
20.8750

 252.0650, 1.3750,  
2.6150

 20.6740, 39.5650,  
15.3490

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,  
0.0000

■ 129.3220,  
100.3550, 48.0270

■ 129.3220,  
100.3550, 48.0270

■ 111.6660,  
114.2460, 55.0940

■ 146.5050, 86.4180,  
41.7940

■ 94.4830, 128.1830,  
61.3270


■ 164.1610, 72.5270,  
34.7270


■ 80.8050, 139.1400,  
66.5000

■ 181.2300, 58.9110,  
28.1830

■ 199.0000, 44.6990,  
21.4270

■ 216.0690, 31.0830,  
14.8830

 233.8390, 16.8710,  
8.1270

 250.9080, 3.2550,  
1.5830

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.



133.4540, 74.4010, 66.8570



129.3220, 100.3550, 48.0270



132.9870, 98.2990, 8.1790

# Triad

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



129.3220, 100.3550, 48.0270



108.3290, -45.9290, -65.2330



120.0550, -124.4800, -1.7600

# Complementary

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



129.3220, 100.3550, 48.0270



196.6780, -100.3550, -48.0270

# 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.



125.5030, -123.2860, -12.3900



129.3220, 100.3550, 48.0270



112.5410, -84.0320, -52.0000

# Square

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



129.3220, 100.3550, 48.0270



126.9090, 34.7630, -51.8370



120.8800, -106.1350, -31.3750



132.8550, -67.1740, 27.9780



# Rectangle

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



129.3220, 100.3550, 48.0270



132.6100, 88.0340, -20.5580



120.8800, -106.1350, -31.3750



122.9900, -125.8550, -4.3750

# Sweetspot

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



129.3220, 100.3550, 48.0270



216.7700, 30.4870, 14.6710



137.7230, 32.1240, 89.6600



104.8500, 18.3380, 9.0740



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.



129.3220, 100.3550, 48.0270



103.3680, 121.0770, 57.9490



161.8230, 92.8890, 7.1050



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780



# Inverse Universe

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



129.3220, 100.3550, 48.0270



103.3680, 121.0770, 57.9490



164.1770, -92.8890, -7.1050



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780



# Previews

## White Background



This preview shows how the YIQ color 129.3220, 100.3550, 48.0270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3220, 100.3550, 48.0270 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 × Fail

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

# YIQ 129.3220, 100.3550, 48.0270

## Background



This preview shows how black text looks on a background with the YIQ color 129.3220, 100.3550, 48.0270.



This preview shows how white text looks on a background with the YIQ color 129.3220, 100.3550,



# 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

129.3220, 100.3550, 48.0270

### Protanopia

141.3550, 6.1900, -2.0500

### Deuteranopia

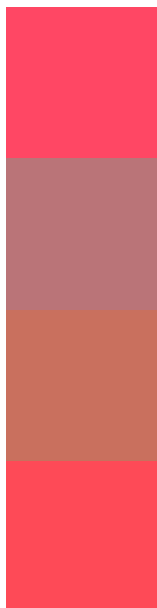
140.4490, 34.9840, -6.2640



## Tritanopia

128.9770, 105.4000, 39.1920

# Trichromacy



## Original Color

129.3220, 100.3550, 48.0270

## Protanomaly

137.3860, 40.4360, 16.0840

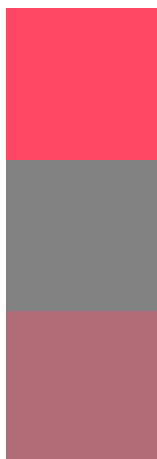
## Deuteranomaly

136.5590, 58.8220, 13.2700

## Tritanomaly

129.3020, 103.1070, 42.2030

# Monochromacy



## Original Color

129.3220, 100.3550, 48.0270

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1730, 36.7220, 17.3140

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 129.3220, 100.3550, 48.0270 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, 71, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 100)  
}
```

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, 71, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 100) }
```

## Border

The CSS property to change the border of an element to YIQ 129.3220, 100.3550, 48.0270 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, 71, 100) }
```



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

```
.border{ border-color:rgb(255, 71, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
100) }
```

# Background

The CSS property to change the background color of an element to YIQ 129.3220, 100.3550, 48.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 100) }
```

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

```
.background{ background-color: rgb(255, 71,  
100) }
```

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