

Converting Colors

YIQ(129.2310, 101.8690,
42.6130)

Have a look what the booklet for
YIQ(129.2310, 101.8690, 42.6130)
contains.

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Color

**YIQ(129.2310, 101.8690,
42.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4A59
RGB	253, 74, 89
RGB Percent	99%, 29%, 35%
CMY	0.0074, 0.7100, 0.6506
CMYK	0.00, 0.71, 0.65, 0.01
HSL	355°, 98%, 64%
HSV	355°, 71%, 99%
XYZ	44.7996, 26.5140, 12.2298
YIQ	129.2310, 101.8690, 42.6130

Conversions

Conversions Part 2

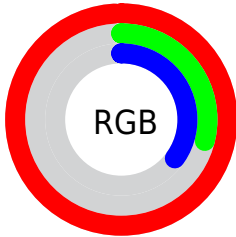
Format	Color
R _Y B	253, 74, 89
Decimal	16599641
CIE Lab	58.52, 67.90, 31.99
CIE LCh	59, 75.061, 25.224
Yxy	26.5140, 0.5362, 0.3174
Android (android.graphics.Color)	4294789721 (0xFFFD4A59)
YUV	129.2310, -19.8339, 108.5454
Hunter-Lab	51.4917, 65.1907, 21.9623

Details

The YIQ color **129.2310, 101.8690, 42.6130** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **197.7690, -101.8690, -42.6130**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7490, 70.5110, 27.2070**, and **61.5270, 98.5200, 53.7520** is the 20% darker color. If you saturate the color by 10%, you get **111.9340, 116.1270, 48.5350**, and if you desaturate by 10%, it is **146.5280, 87.6110, 36.6910**.

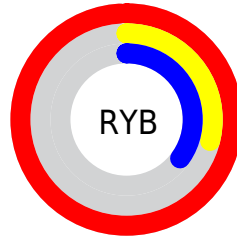
Distribution



Red (99%)

Green (29%)

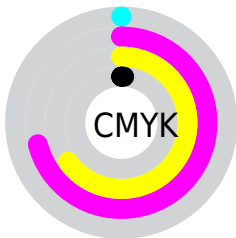
Blue (35%)



Red (99%)

Yellow (29%)

Blue (35%)

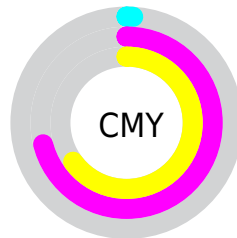


Cyan (0%)

Magenta (71%)

Yellow (65%)

Black (1%)



Cyan (1%)


Magenta (71%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.2310, 101.8690, 42.6130 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 129.2310, 101.8690, 42.6130 by changing the saturation by 10% instead.


 129.2310,
101.8690, 42.6130


 129.2310,
101.8690, 42.6130


255.0000, -0.0000,
-0.0000


 96.4960, 99.8050,
46.9810


 170.1620, 70.7860,
27.7300


 61.5270, 98.5200,
53.7520


 190.7360, 54.1900,
20.1260


 49.5650, 86.1890,
40.4370


 210.9510, 37.2270,
13.6670

 37.6740, 75.0960,
26.7120

 231.0520, 20.5850,
6.8970

 28.5190, 56.2990,
20.4510

 251.9680, 3.0260,
0.2260

 20.0760, 38.3730,
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 129.2310,
101.8690, 42.6130

■ 129.2310,
101.8690, 42.6130

■ 111.9340,
116.1270, 48.5350

■ 146.5280, 87.6110,
36.6910

■ 94.0500, 130.6600,
54.9800

■ 164.4120, 73.0780,
30.2460

■ 78.0410, 144.0470,
60.1670

■ 181.8230, 58.4990,
24.6350

■ 199.1200, 44.2410,
18.7130

■ 216.4170, 29.9830,
12.7910

234.3010, 15.4500,
6.3460

251.5980, 1.1920,
0.4240

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



130.4610, 81.6910, 66.8990



129.2310, 101.8690, 42.6130



132.5320, 97.8420, -0.0620

Triad

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



129.2310, 101.8690, 42.6130



102.9940, -64.0390, -67.4230



118.2940, -123.6550, -0.1910

Complementary

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



129.2310, 101.8690, 42.6130



197.7690, -101.8690, -42.6130

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.



125.2410, -125.3040, -8.8560



129.2310, 101.8690, 42.6130



113.7950, -87.5630, -48.5790

Square

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



129.2310, 101.8690, 42.6130



124.4950, 27.0610, -55.4270



122.0200, -109.3450, -28.2650



137.9930, -49.7070, 36.3170

Rectangle

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



129.2310, 101.8690, 42.6130



132.5660, 82.1660, -24.3460



122.0200, -109.3450, -28.2650



121.8160, -125.3050, -3.3290

Sweetspot

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



129.2310, 101.8690, 42.6130



217.7160, 30.5790, 13.0030



142.5450, 38.4970, 89.8010



105.7960, 18.4300, 7.4060



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.



129.2310, 101.8690, 42.6130



105.0490, 123.2330, 51.9130



169.7850, 86.8840, 0.2920



119.0010, 7.4270, 3.0670



58.9330, 108.7000, 45.4680



19.7060, 36.5390, 15.1230

Inverse Universe

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



129.2310, 101.8690, 42.6130



105.0490, 123.2330, 51.9130



157.2150, -86.8840, -0.2920



119.0010, 7.4270, 3.0670



58.9330, 108.7000, 45.4680



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 129.2310, 101.8690, 42.6130 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 129.2310, 101.8690, 42.6130 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 129.2310, 101.8690, 42.6130

Background



This preview shows how black text looks on a background with the YIQ color 129.2310, 101.8690, 42.6130.



This preview shows how white text looks on a background with the YIQ color 129.2310, 101.8690, 42.6130.

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

129.2310, 101.8690, 42.6130

Protanopia

140.5420, 12.7930, -6.0790

Deuteranopia

139.2060, 39.9820, -8.7380



Tritanopia

129.2650, 104.5290, 38.4570

Trichromacy



Original Color

129.2310, 101.8690, 42.6130

Protanomaly

136.6760, 45.2510, 11.4190

Deuteranomaly

135.3050, 62.3530, 9.8490

Tritanomaly

129.1340, 103.5200, 40.2240

Monochromacy



Original Color

129.2310, 101.8690, 42.6130

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0050, 37.1350, 15.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2310, 101.8690, 42.6130 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(253, 74, 89)` looks like.

```
.text, #text, p{  
    color:rgb(253, 74, 89)  
}
```

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(253, 74, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 74, 89) }
```

Border

The CSS property to change the border of an element to YIQ 129.2310, 101.8690, 42.6130 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(253, 74, 89) }
```


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

```
.border{ border-color:rgb(253, 74, 89) }
```

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

Here you see how a box with a 4 pixel rgb(253, 74, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 74, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 74, 89);  
box-shadow:4px 4px 4px 4px rgb(253, 74,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2310, 101.8690, 42.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 74, 89) }
```

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

```
.background{ background-color: rgb(253, 74,  
89) }
```

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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