

Converting Colors

YIQ(127.1220, 103.7940,
46.2740)

Have a look what the booklet for
YIQ(127.1220, 103.7940, 46.2740)
contains.

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Color

**YIQ(127.1220, 103.7940,
46.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	FF455B
RGB	255, 69, 91
RGB Percent	100%, 27%, 36%
CMY	0.0000, 0.7297, 0.6427
CMYK	0.00, 0.73, 0.64, 0.00
HSL	353°, 100%, 64%
HSV	353°, 73%, 100%
XYZ	45.2560, 26.2637, 12.6045
YIQ	127.1220, 103.7940, 46.2740

Conversions

Conversions Part 2

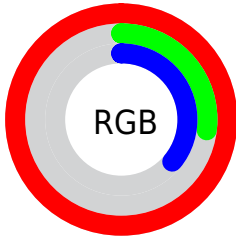
Format	Color
R_{YB}	255, 69, 91
Decimal	16729435
CIE _{Lab}	58.29, 70.23, 30.61
CIE _{LCh}	58, 76.614, 23.547
Yxy	26.2637, 0.5380, 0.3122
Android (android.graphics.Color)	4294919515 (0xFFFF455B)
YUV	127.1220, -17.8081, 112.1490
Hunter-Lab	51.2481, 67.9448, 21.2913

Details

The YIQ color **127.1220, 103.7940, 46.2740** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **196.8780, -103.7940, -46.2740**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.6290, 70.9690, 29.9210**, and **62.3530, 99.0700, 54.7980** is the 20% darker color. If you saturate the color by 10%, you get **109.3520, 118.0060, 53.0300**, and if you desaturate by 10%, it is **144.4190, 89.5360, 40.3520**.

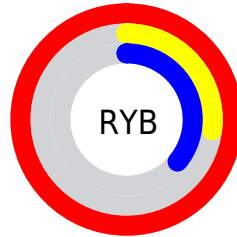
Distribution



Red (100%)

Green (27%)

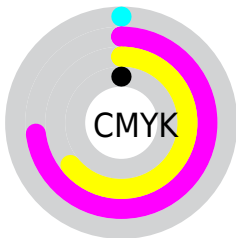
Blue (36%)



Red (100%)

Yellow (27%)

Blue (36%)

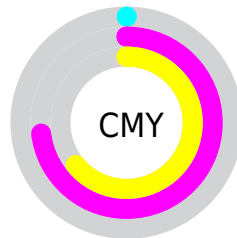


Cyan (0%)

Magenta (73%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.1220, 103.7940, 46.2740 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 127.1220, 103.7940, 46.2740 by changing the saturation by 10% instead.


 127.1220,
103.7940, 46.2740


 127.1220,
103.7940, 46.2740


255.0000, -0.0000,
-0.0000


 92.6260, 102.5550,
52.2110


 168.6290, 70.9690,
29.9210


 62.3530, 99.0700,
54.7980


 188.7300, 54.3270,
23.1510

 50.3910, 86.7390,
41.4830


 209.4180, 37.4100,
15.8580

 38.2720, 76.2880,
27.1360

 229.6330, 20.4470,
9.3990

 28.8180, 56.8950,
20.6630

 250.4350, 3.2090,
2.4170

 20.3750, 38.9690,
15.1370

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 127.1220,
103.7940, 46.2740

■ 127.1220,
103.7940, 46.2740

■ 109.3520,
118.0060, 53.0300

■ 144.4190, 89.5360,
40.3520

■ 92.0550, 132.2640,
58.9520

■ 162.1890, 75.3240,
33.5960

■ 79.6650, 142.3500,
63.3900

■ 179.3720, 61.3870,
27.3630

■ 197.2560, 46.8540,
20.9180

■ 214.4390, 32.9170,
14.6850

232.3230, 18.3840,
8.2400

249.5060, 4.4470,
2.0070

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.



129.1560, 81.2320, 69.7120



127.1220, 103.7940, 46.2740



131.0810, 100.7300, 2.6660

Triad

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



127.1220, 103.7940, 46.2740



101.6090, -61.5170, -69.0770



118.8810, -123.9300, -0.7140

Complementary

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



127.1220, 103.7940, 46.2740



196.8780, -103.7940, -46.2740

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.



125.1270, -124.9830, -9.1670



127.1220, 103.7940, 46.2740



113.2250, -85.9580, -50.1340

Square

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



127.1220, 103.7940, 46.2740



124.5060, 28.5280, -54.4800



121.6780, -108.3820, -29.1980



134.9920, -57.1340, 33.2500

Rectangle

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



127.1220, 103.7940, 46.2740



131.7020, 84.7790, -22.1410



121.6780, -108.3820, -29.1980



121.8160, -125.3050, -3.3290

Sweetspot

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



127.1220, 103.7940, 46.2740



216.5420, 31.1290, 14.0490



138.3430, 36.2500, 91.9780



104.6220, 18.9800, 8.4520



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.



127.1220, 103.7940, 46.2740



100.9400, 125.1580, 55.5740



164.5300, 92.1560, 3.8680



119.0010, 7.4270, 3.0670



59.7310, 106.4530, 47.6450



20.0480, 35.5760, 16.0560

Inverse Universe

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



127.1220, 103.7940, 46.2740



100.9400, 125.1580, 55.5740



159.4700, -92.1560, -3.8680



119.0010, 7.4270, 3.0670



59.7310, 106.4530, 47.6450



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 127.1220, 103.7940, 46.2740 looks on a white background.

Color Contrast Check

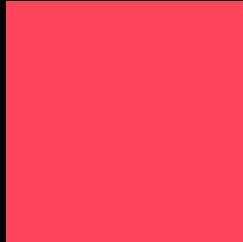
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1220, 103.7940, 46.2740 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 127.1220, 103.7940, 46.2740

Background



This preview shows how black text looks on a background with the YIQ color 127.1220, 103.7940, 46.2740.



This preview shows how white text looks on a background with the YIQ color 127.1220, 103.7940,

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

127.1220, 103.7940, 46.2740

Protanopia

139.8130, 10.5920, -4.7360

Deuteranopia

139.0210, 39.0650, -8.6390



Tritanopia

126.7600, 107.5090, 39.5170

Trichromacy



Original Color

127.1220, 103.7940, 46.2740

Protanomaly

134.9580, 44.5170, 13.7090

Deuteranomaly

134.6580, 62.8570, 11.7290

Tritanomaly

126.8570, 105.8580, 41.9060

Monochromacy



Original Color

127.1220, 103.7940, 46.2740

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2440, 37.9600, 16.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1220, 103.7940, 46.2740 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, 69, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 91)  
}
```

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, 69, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 91) }
```

Border

The CSS property to change the border of an element to YIQ 127.1220, 103.7940, 46.2740 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, 69, 91) }
```


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

```
.border{ border-color:rgb(255, 69, 91) }
```

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

Here you see how a box with a 4 pixel rgb(255, 69, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1220, 103.7940, 46.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 91) }
```

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

```
.background{ background-color: rgb(255, 69,  
91) }
```

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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