

Converting Colors

YIQ(119.5420, 111.3590,
46.8390)

Have a look what the booklet for
YIQ(119.5420, 111.3590, 46.8390)
contains.

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Color

**YIQ(119.5420, 111.3590,
46.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B4C
RGB	255, 59, 76
RGB Percent	100%, 23%, 30%
CMY	0.0000, 0.7689, 0.7015
CMYK	0.00, 0.77, 0.70, 0.00
HSL	355°, 100%, 62%
HSV	355°, 77%, 100%
XYZ	44.1080, 24.9028, 9.3394
YIQ	119.5420, 111.3590, 46.8390

Conversions

Conversions Part 2

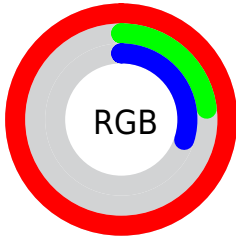
Format	Color
R_{YB}	255, 59, 76
Decimal	16726860
CIE Lab	56.98, 72.53, 37.63
CIE LCh	57, 81.713, 27.417
Yxy	24.9028, 0.5630, 0.3178
Android (android.graphics.Color)	4294916940 (0xFFFF3B4C)
YUV	119.5420, -21.4662, 118.7967
Hunter-Lab	49.9027, 70.4430, 23.8356

Details

The YIQ color **119.5420, 111.3590, 46.8390** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **194.4580, -111.3590, -46.8390**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.1090, 78.3050, 29.1290**, and **60.4580, 102.9680, 50.2320** is the 20% darker color. If you saturate the color by 10%, you get **101.6580, 125.8920, 53.2840**, and if you desaturate by 10%, it is **136.8390, 97.1010, 40.9170**.

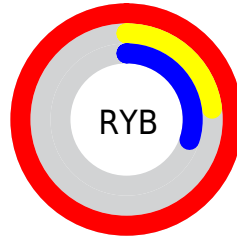
Distribution



Red (100%)

Green (23%)

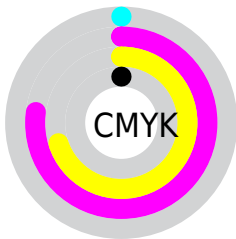
Blue (30%)



Red (100%)

Yellow (23%)

Blue (30%)

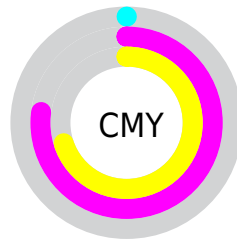


Cyan (0%)

Magenta (77%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.5420, 111.3590, 46.8390 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 119.5420, 111.3590, 46.8390 by changing the saturation by 10% instead.


 119.5420,
111.3590, 46.8390


 119.5420,
111.3590, 46.8390


255.0000, -0.0000,
-0.0000


 77.1160, 113.0990,
59.3630


 162.1090, 78.3050,
29.1290


 60.4580, 102.9680,
50.2320


 182.6830, 61.7090,
21.5250


 48.4960, 90.6370,
36.9170


 202.7840, 45.0670,
14.7550

 37.6740, 75.0960,
26.7120

 223.4720, 28.1500,
7.4620

 28.3340, 55.3820,
20.5500

 244.3880, 10.5910,
0.7910

 19.7770, 37.7770,
14.7130

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 119.5420,
111.3590, 46.8390

■ 119.5420,
111.3590, 46.8390

■ 101.6580,
125.8920, 53.2840

■ 136.8390, 97.1010,
40.9170

■ 84.3610, 140.1500,
59.2060

■ 154.8370, 82.2470,
34.7830

■ 78.7530, 144.9180,
60.9020

■ 172.1340, 67.9890,
28.8610

■ 190.0180, 53.4560,
22.4160

■ 207.3150, 39.1980,
16.4940

■ 225.3130, 24.3440,
10.3600

■ 242.6100, 10.0860,
4.4380

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.



116.3690, 94.1140, 78.5460



119.5420, 111.3590, 46.8390



125.3770, 105.4080, -5.0240

Triad

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



119.5420, 111.3590, 46.8390



101.0220, -61.2420, -68.5540



115.9460, -122.5550, 1.9010

Complementary

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



119.5420, 111.3590, 46.8390



194.4580, -111.3590, -46.8390

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.



124.1640, -126.4050, -5.4210



119.5420, 111.3590, 46.8390



112.6210, -87.0130, -47.5330

Square

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



119.5420, 111.3590, 46.8390



118.8360, 18.6710, -57.5610



120.9430, -110.4460, -24.8300



133.2970, -47.5070, 40.5010

Rectangle

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



119.5420, 111.3590, 46.8390



129.0110, 79.4150, -24.0490



120.9430, -110.4460, -24.8300



119.4680, -124.2050, -1.2370

Sweetspot

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



119.5420, 111.3590, 46.8390



214.2110, 33.5590, 14.0630



133.9680, 41.9800, 98.2680



103.1060, 20.4930, 8.5650



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.



119.5420, 111.3590, 46.8390



92.6590, 133.3190, 56.3510



163.3900, 95.3660, 0.7580



119.0010, 7.4270, 3.0670



59.0470, 108.3790, 45.7790



19.8200, 36.2180, 15.4340

Inverse Universe

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



119.5420, 111.3590, 46.8390



92.6590, 133.3190, 56.3510



150.6100, -95.3660, -0.7580



119.0010, 7.4270, 3.0670



59.0470, 108.3790, 45.7790



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 119.5420, 111.3590, 46.8390 looks on a white background.

Color Contrast Check

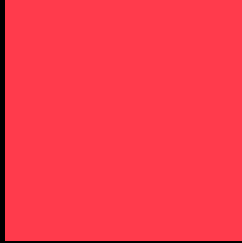
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5420, 111.3590, 46.8390 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 119.5420, 111.3590, 46.8390

Background



This preview shows how black text looks on a background with the YIQ color 119.5420, 111.3590, 46.8390.

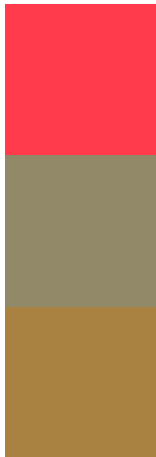


This preview shows how white text looks on a background with the YIQ color 119.5420, 111.3590,

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

119.5420, 111.3590, 46.8390

Protanopia

135.9290, 15.9570, -8.3550

Deuteranopia

134.2510, 44.1090, -11.9470



Tritanopia

119.2340, 114.9820, 41.7500

Trichromacy



Original Color

119.5420, 111.3590, 46.8390

Protanomaly

130.3130, 50.7070, 11.6590

Deuteranomaly

128.7140, 68.4510, 9.4670

Tritanomaly

119.2170, 113.6520, 43.8280

Monochromacy



Original Color

119.5420, 111.3590, 46.8390

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9130, 40.3900, 16.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5420, 111.3590, 46.8390 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, 59, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 76)  
}
```

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, 59, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 76) }
```

Border

The CSS property to change the border of an element to YIQ 119.5420, 111.3590, 46.8390 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, 59, 76) }
```


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

```
.border{ border-color:rgb(255, 59, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5420, 111.3590, 46.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 76) }
```

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

```
.background{ background-color: rgb(255, 59,  
76) }
```

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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