

Converting Colors

YIQ(118.3290, 107.6450,
48.0690)

Have a look what the booklet for
YIQ(118.3290, 107.6450, 48.0690)
contains.

YIQ(118.3290, 107.6450, 48.0690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.3290, 107.6450,
48.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	FB3A51
RGB	251, 58, 81
RGB Percent	98%, 23%, 32%
CMY	0.0152, 0.7728, 0.6819
CMYK	0.00, 0.77, 0.68, 0.02
HSL	353°, 96%, 61%
HSV	353°, 77%, 98%
XYZ	42.8253, 24.1453, 10.2085
YIQ	118.3290, 107.6450, 48.0690

Conversions

Conversions Part 2

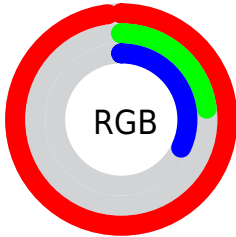
Format	Color
R_{YB}	251, 58, 81
Decimal	16464465
CIE Lab	56.23, 71.97, 33.68
CIE LCh	56, 79.459, 25.080
Yxy	24.1453, 0.5549, 0.3128
Android (android.graphics.Color)	4294654545 (0xFFFB3A51)
YUV	118.3290, -18.4032, 116.3525
Hunter-Lab	49.1378, 69.5776, 22.0789

Details

The YIQ color **118.3290, 107.6450, 48.0690** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **190.6710, -107.6450, -48.0690**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **162.0920, 76.9750, 31.2070**, and **59.8320, 98.9790, 50.9390** is the 20% darker color. If you saturate the color by 10%, you get **101.1460, 121.5820, 54.3020**, and if you desaturate by 10%, it is **135.5120, 93.7080, 41.8360**.

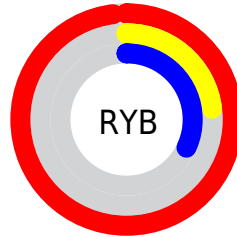
Distribution



Red (98%)

Green (23%)

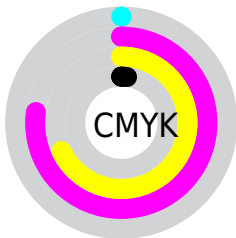
Blue (32%)



Red (98%)

Yellow (23%)

Blue (32%)

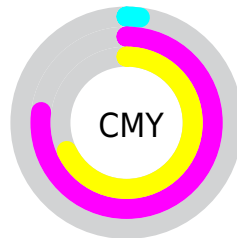


Cyan (0%)

Magenta (77%)

Yellow (68%)

Black (2%)



Cyan (2%)


Magenta (77%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.3290, 107.6450, 48.0690 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 118.3290, 107.6450, 48.0690 by changing the saturation by 10% instead.


 118.3290,
107.6450, 48.0690


 118.3290,
107.6450, 48.0690


255.0000, -0.0000,
-0.0000


 75.6150, 110.2560,
61.3280

 162.0920, 76.9750,
31.2070


 59.8320, 98.9790,
50.9390


 182.6660, 60.3790,
23.6030


 48.2830, 86.9230,
38.1470


 202.7670, 43.7370,
16.8330

 36.7770, 73.3080,
26.0760

 223.5690, 26.4990,
9.8510

 27.4370, 53.5940,
19.9140

 244.3710, 9.2610,
2.8690

 18.8800, 35.9890,
14.0770

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 118.3290,
107.6450, 48.0690

■ 118.3290,
107.6450, 48.0690

■ 101.1460,
121.5820, 54.3020

■ 135.5120, 93.7080,
41.8360

■ 83.9630, 135.5190,
60.5350

■ 152.6950, 79.7710,
35.6030

■ 78.4690, 139.9660,
62.5420

■ 169.8780, 65.8340,
29.3700

■ 187.1750, 51.5760,
23.4480

■ 204.3580, 37.6390,
17.2150

222.1280, 23.4270,
10.4590

239.3110, 9.4900,
4.2260

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



118.1400, 87.3290, 74.8570



118.3290, 107.6450, 48.0690



123.6160, 106.2330, -3.4550

Triad

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



118.3290, 107.6450, 48.0690



98.6910, -58.8120, -68.5400



115.3590, -122.2800, 2.4240

Complementary

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



118.3290, 107.6450, 48.0690



190.6710, -107.6450, -48.0690

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.



122.1920, -123.6080, -6.5520



118.3290, 107.6450, 48.0690



110.0620, -83.9410, -48.1410

Square

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



118.3290, 107.6450, 48.0690



118.8690, 23.0720, -54.7200



118.7430, -107.0070, -26.5830



130.2850, -56.4010, 36.4870

Rectangle

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



118.3290, 107.6450, 48.0690



126.9620, 81.1110, -21.7450



118.7430, -107.0070, -26.5830



118.8810, -123.9300, -0.7140

Sweetspot

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



118.3290, 107.6450, 48.0690



214.4390, 32.9170, 14.6850



129.9350, 37.5790, 95.4270



103.2200, 20.1720, 8.8760



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.



118.3290, 107.6450, 48.0690



93.5710, 130.7510, 58.8390



157.3840, 95.5030, 3.7830



116.1150, 7.1060, 3.3780



59.1330, 105.2610, 47.2210



19.0370, 34.1090, 15.1090

Inverse Universe

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



118.3290, 107.6450, 48.0690



93.5710, 130.7510, 58.8390



151.6160, -95.5030, -3.7830



116.1150, 7.1060, 3.3780



59.1330, 105.2610, 47.2210



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 118.3290, 107.6450, 48.0690 looks on a white background.

Color Contrast Check

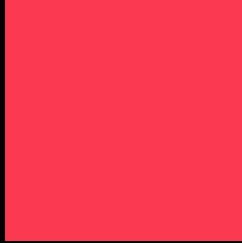
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3290, 107.6450, 48.0690 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 118.3290, 107.6450, 48.0690

Background



This preview shows how black text looks on a background with the YIQ color 118.3290, 107.6450, 48.0690.



This preview shows how white text looks on a background with the YIQ color 118.3290, 107.6450,

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

118.3290, 107.6450, 48.0690

Protanopia

134.6560, 12.4720, -5.7680

Deuteranopia

133.4510, 40.6700, -10.1940



Tritanopia

117.7390, 112.0020, 40.6900

Trichromacy



Original Color

118.3290, 107.6450, 48.0690

Protanomaly

128.6270, 46.9470, 13.7230

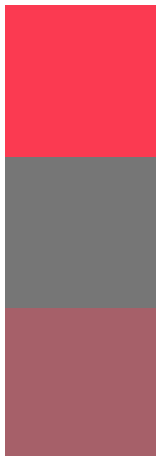
Deuteranomaly

127.9140, 65.0120, 11.2200

Tritanomaly

117.9500, 110.0300, 43.3900

Monochromacy



Original Color

118.3290, 107.6450, 48.0690

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9560, 38.8310, 17.6390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3290, 107.6450, 48.0690 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(251, 58, 81)` looks like.

```
.text, #text, p{  
    color:rgb(251, 58, 81)  
}
```

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(251, 58, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 58, 81) }
```

Border

The CSS property to change the border of an element to YIQ 118.3290, 107.6450, 48.0690 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(251, 58, 81) }
```


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

```
.border{ border-color:rgb(251, 58, 81) }
```

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

Here you see how a box with a 4 pixel rgb(251, 58, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 58, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 58, 81);  
box-shadow:4px 4px 4px 4px rgb(251, 58,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3290, 107.6450, 48.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 58, 81) }
```

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

```
.background{ background-color: rgb(251, 58,  
81) }
```

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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