

Converting Colors

YIQ(117.5130, 101.1350,
44.9030)

Have a look what the booklet for
YIQ(117.5130, 101.1350, 44.9030)
contains.

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Color

**YIQ(117.5130, 101.1350,
44.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	F23D52
RGB	242, 61, 82
RGB Percent	95%, 24%, 32%
CMY	0.0505, 0.7610, 0.6780
CMYK	0.00, 0.75, 0.66, 0.05
HSL	353°, 88%, 59%
HSV	353°, 75%, 95%
XYZ	39.8482, 22.8373, 10.3101
YIQ	117.5130, 101.1350, 44.9030

Conversions

Conversions Part 2

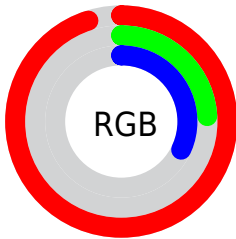
Format	Color
RYB	242, 61, 82
Decimal	15875410
CIELab	54.90, 68.60, 31.09
CIELCh	55, 75.314, 24.381
Yxy	22.8373, 0.5459, 0.3129
Android (android.graphics.Color)	4294065490 (0xFFFF23D52)
YUV	117.5130, -17.5079, 109.1751
Hunter-Lab	47.7884, 65.2119, 20.6604

Details

The YIQ color **117.5130, 101.1350, 44.9030** 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 **185.4870, -101.1350, -44.9030**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **162.7930, 76.3790, 30.9950**, and **57.5540, 93.8900, 49.5540** is the 20% darker color. If you saturate the color by 10%, you get **101.0310, 114.4760, 50.9240**, and if you desaturate by 10%, it is **133.9950, 87.7940, 38.8820**.

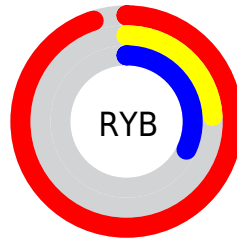
Distribution



Red (95%)

Green (24%)

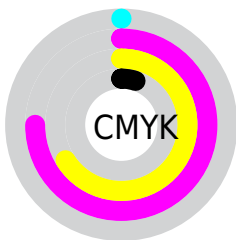
Blue (32%)



Red (95%)

Yellow (24%)

Blue (32%)

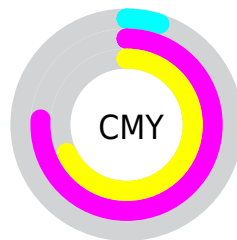


Cyan (0%)

Magenta (75%)

Yellow (66%)

Black (5%)



Cyan (5%)


Magenta (76%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.5130, 101.1350, 44.9030 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 117.5130, 101.1350, 44.9030 by changing the saturation by 10% instead.


 117.5130,
101.1350, 44.9030


 117.5130,
101.1350, 44.9030


255.0000, -0.0000,
-0.0000


 80.6690, 100.9960,
52.9320


 162.7930, 76.3790,
30.9950


 57.5540, 93.8900,
49.5540


 182.7800, 60.0580,
23.9140


 46.0050, 81.8340,
36.7620


 202.8810, 43.4160,
17.1440

 34.6840, 69.1360,
24.5920

 223.6830, 26.1780,
10.1620

 25.6430, 50.0180,
18.6420

 244.4850, 8.9400,
3.1800

 16.6730, 32.1380,
12.2820

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 117.5130,
101.1350, 44.9030

■ 117.5130,
101.1350, 44.9030

■ 101.0310,
114.4760, 50.9240

■ 133.9950, 87.7940,
38.8820

■ 84.4350, 128.1380,
56.6340

■ 150.5910, 74.1320,
33.1720

■ 75.5500, 135.2440,
60.0120

■ 167.6600, 60.5160,
26.6280

■ 184.2560, 46.8540,
20.9180

■ 200.7380, 33.5130,
14.8970

217.2200, 20.1720,
8.8760

233.8160, 6.5100,
3.1660

250.8850, -7.1060,
-3.3780

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



118.7430, 80.9570, 69.1890



117.5130, 101.1350, 44.9030



121.8310, 98.4380, 0.1500

Triad

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



117.5130, 101.1350, 44.9030



95.7560, -57.4370, -65.9250



113.0110, -121.1800, 4.5160

Complementary

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



117.5130, 101.1350, 44.9030



185.4870, -101.1350, -44.9030

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.



118.5900, -118.9770, -7.8810



117.5130, 101.1350, 44.9030



106.6710, -81.2820, -46.7700

Square

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



117.5130, 101.1350, 44.9030



116.5210, 24.1720, -52.6280



114.8960, -103.0640, -26.4560



127.8720, -56.6760, 35.9640

Rectangle

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



117.5130, 101.1350, 44.9030



123.7060, 78.9560, -21.2360



114.8960, -103.0640, -26.4560



116.5330, -122.8300, 1.3780

Sweetspot

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



117.5130, 101.1350, 44.9030



216.4280, 31.4500, 13.7380



128.5770, 35.4710, 89.5750



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.



117.5130, 101.1350, 44.9030



96.8480, 128.4130, 57.1570



153.8610, 89.7260, 3.8540



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.5420, 31.1290, 14.0490

Inverse Universe

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



117.5130, 101.1350, 44.9030



96.8480, 128.4130, 57.1570



149.1390, -89.7260, -3.8540



111.7020, 6.8310, 2.8550



57.4100, 102.9230, 45.5390



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 117.5130, 101.1350, 44.9030 looks on a white background.

Color Contrast Check

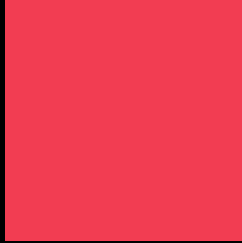
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.5130, 101.1350, 44.9030 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 117.5130, 101.1350, 44.9030

Background



This preview shows how black text looks on a background with the YIQ color 117.5130, 101.1350, 44.9030.



This preview shows how white text looks on a background with the YIQ color 117.5130, 101.1350,

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

117.5130, 101.1350, 44.9030

Protanopia

130.9980, 11.5090, -4.8350

Deuteranopia

130.3090, 38.1940, -9.3740



Tritanopia

117.4500, 105.4460, 38.3580

Trichromacy



Original Color

117.5130, 101.1350, 44.9030

Protanomaly

126.2460, 43.6460, 12.9740

Deuteranomaly

125.3480, 60.7940, 10.5700

Tritanomaly

117.5470, 103.7950, 40.7470

Monochromacy



Original Color

117.5130, 101.1350, 44.9030

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.6460, 36.7680, 16.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5130, 101.1350, 44.9030 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(242, 61, 82)` looks like.

```
.text, #text, p{  
    color:rgb(242, 61, 82)  
}
```

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(242, 61, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 61, 82) }
```

Border

The CSS property to change the border of an element to YIQ 117.5130, 101.1350, 44.9030 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(242, 61, 82) }
```


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

```
.border{ border-color:rgb(242, 61, 82) }
```

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

Here you see how a box with a 4 pixel rgb(242, 61, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 61, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 61, 82);  
box-shadow:4px 4px 4px 4px rgb(242, 61,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5130, 101.1350, 44.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 61, 82) }
```

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

```
.background{ background-color: rgb(242, 61,  
82) }
```

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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