

Converting Colors

YIQ(117.4600, 91.4590, 55.0670)

Have a look what the booklet for
YIQ(117.4600, 91.4590, 55.0670)
contains.

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Color

**YIQ(117.4600, 91.4590,
55.0670)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EF396E |
| RGB | 239, 57, 110 |
| RGB Percent | 94%, 22%, 43% |
| CMY | 0.0623, 0.7767, 0.5683 |
| CMYK | 0.00, 0.76, 0.54, 0.06 |
| HSL | 342°, 85%, 58% |
| HSV | 342°, 76%, 94% |
| XYZ | 39.9150, 22.4177, 16.9986 |
| YIQ | 117.4600, 91.4590, 55.0670 |

Conversions

Conversions Part 2

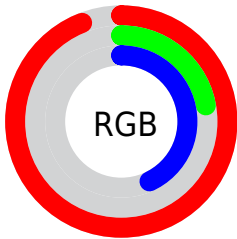
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 239, 57, 110 |
| Decimal | 15677806 |
| CIE _{Lab} | 54.47, 70.69, 13.80 |
| CIE _{LCh} | 54, 72.025, 11.050 |
| Yxy | 22.4177, 0.5031, 0.2826 |
| Android (android.graphics.Color) | 4293867886 (0xFFEF396E) |
| YUV | 117.4600, -3.6778, 106.5906 |
| Hunter-Lab | 47.3473, 67.6223, 11.8569 |

Details

The YIQ color **117.4600, 91.4590, 55.0670** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **178.5400, -91.4590, -55.0670**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4520, 67.5740, 41.8940**, and **59.8060, 84.6730, 56.9050** is the 20% darker color. If you saturate the color by 10%, you get **101.4340, 103.5160, 62.3320**, and if you desaturate by 10%, it is **133.4860, 79.4020, 47.8020**.

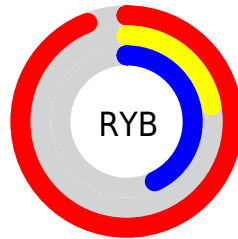
Distribution



Red (94%)

Green (22%)

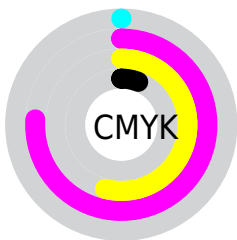
Blue (43%)



Red (94%)

Yellow (22%)

Blue (43%)

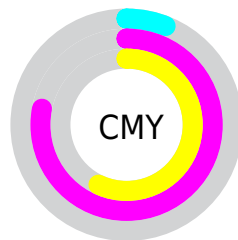


Cyan (0%)

Magenta (76%)

Yellow (54%)

Black (6%)



Cyan (6%)

Magenta (78%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.4600, 91.4590, 55.0670 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 117.4600, 91.4590, 55.0670 by changing the saturation by 10% instead.


 117.4600, 91.4590,
55.0670


 117.4600, 91.4590,
55.0670


255.0000, -0.0000,
-0.0000


 75.5180, 94.7120,
67.7040


 164.4520, 67.5740,
41.8940


 59.8060, 84.6730,
56.9050


 185.1400, 50.6570,
34.6010


 48.4420, 73.5340,
44.0140


 205.3550, 33.6940,
28.1420

 36.8930, 61.4780,
31.2220

 226.1570, 16.4560,
21.1600

 25.6430, 50.0180,
18.6420

 245.0210, 4.6750,
8.8910

 16.6730, 32.1380,
12.2820

 2.9900, 5.9600,

2.1200

■ 0.0000, 0.0000,
0.0000

■ 117.4600, 91.4590,
55.0670

■ 117.4600, 91.4590,
55.0670

■ 101.4340,
103.5160, 62.3320

■ 133.4860, 79.4020,
47.8020

■ 85.4080, 115.5730,
69.5970

■ 149.5120, 67.3450,
40.5370

■ 79.4410, 119.9740,
72.4380

■ 165.5380, 55.2880,
33.2720

■ 181.5640, 43.2310,
26.0070

■ 197.0030, 31.4490,
19.2650

213.0290, 19.3920,
12.0000

229.0550, 7.3350,
4.7350

245.0810, -4.7220,
-2.5300

250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



125.8910, 56.9330, 64.0450



117.4600, 91.4590, 55.0670



121.4080, 96.0960, 20.5760

Triad

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



117.4600, 91.4590, 55.0670



107.5370, -8.2880, -59.0720



115.2620, -120.6290, 0.0350

Complementary

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



117.4600, 91.4590, 55.0670



178.5400, -91.4590, -55.0670

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.



115.6260, -110.6310, -15.9670



117.4600, 91.4590, 55.0670



100.9030, -70.5520, -54.0080

Square

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



117.4600, 91.4590, 55.0670



119.9090, 43.9310, -41.7730



110.0740, -92.2420, -35.3620



105.2660, -117.2840, 11.0040

Rectangle

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



117.4600, 91.4590, 55.0670



121.1580, 92.6630, -10.8330



110.0740, -92.2420, -35.3620



116.4700, -118.5190, -5.1670

Sweetspot

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



117.4600, 91.4590, 55.0670



215.5790, 29.7070, 17.7950



115.7210, 17.2700, 83.5260



103.9040, 18.2460, 10.7420



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.



117.4600, 91.4590, 55.0670



100.1200, 116.4440, 70.3320



132.5500, 98.5720, 19.7560



111.9300, 6.1890, 3.4770



61.1720, 92.3300, 55.8020



18.5680, 28.2400, 16.8480

Inverse Universe

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



117.4600, 91.4590, 55.0670



100.1200, 116.4440, 70.3320



163.4500, -98.5720, -19.7560



111.9300, 6.1890, 3.4770



61.1720, 92.3300, 55.8020



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 117.4600, 91.4590, 55.0670 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 117.4600, 91.4590, 55.0670 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 117.4600, 91.4590, 55.0670

Background



This preview shows how black text looks on a background with the YIQ color 117.4600, 91.4590, 55.0670.



This preview shows how white text looks on a background with the YIQ color 117.4600, 91.4590,

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

117.4600, 91.4590, 55.0670

Protanopia

131.3400, -6.6490, 4.8630

Deuteranopia

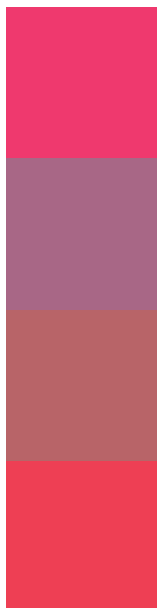
130.6360, 24.3920, -1.5280



Tritanopia

118.0580, 100.6780, 36.6620

Trichromacy



Original Color

117.4600, 91.4590, 55.0670

Protanomaly

125.9690, 28.7890, 23.4210

Deuteranomaly

125.5720, 48.7800, 19.0520

Tritanomaly

117.7190, 97.5590, 43.6310

Monochromacy



Original Color

117.4600, 91.4590, 55.0670

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9000, 33.2370, 19.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4600, 91.4590, 55.0670 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(239, 57, 110)` looks like.

```
.text, #text, p{  
    color:rgb(239, 57, 110)  
}
```

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(239, 57, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 57, 110) }
```

Border

The CSS property to change the border of an element to YIQ 117.4600, 91.4590, 55.0670 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(239, 57, 110) }
```


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

```
.border{ border-color:rgb(239, 57, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 57, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 57, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 57, 110);  
box-shadow:4px 4px 4px 4px rgb(239, 57,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4600, 91.4590, 55.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 57, 110) }
```

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

```
.background{ background-color: rgb(239, 57,  
110) }
```

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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