

Converting Colors

YIQ(123.8910, 91.3230, 46.5150)

Have a look what the booklet for
YIQ(123.8910, 91.3230, 46.5150)
contains.

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Color

**YIQ(123.8910, 91.3230,
46.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	F04566
RGB	240, 69, 102
RGB Percent	94%, 27%, 40%
CMY	0.0584, 0.7296, 0.5997
CMYK	0.00, 0.71, 0.57, 0.06
HSL	348°, 85%, 61%
HSV	348°, 71%, 94%
XYZ	40.4984, 23.7528, 15.0430
YIQ	123.8910, 91.3230, 46.5150

Conversions

Conversions Part 2

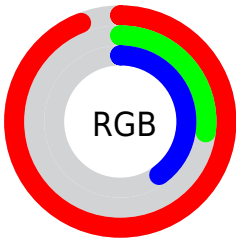
Format	Color
R_{YB}	240, 69, 102
Decimal	15746406
CIE _{Lab}	55.84, 66.59, 20.47
CIE _{LCh}	56, 69.667, 17.086
Yxy	23.7528, 0.5107, 0.2996
Android (android.graphics.Color)	4293936486 (0xFFFF04566)
YUV	123.8910, -10.7923, 101.8276
Hunter-Lab	48.7368, 63.0373, 15.8155

Details

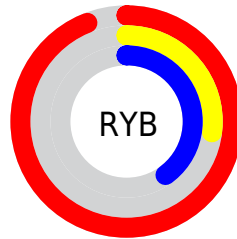
The YIQ color **123.8910, 91.3230, 46.5150** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **185.1090, -91.3230, -46.5150**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.8230, 67.6670, 34.6990**, and **59.3070, 87.5160, 54.9400** is the 20% darker color. If you saturate the color by 10%, you get **107.6370, 104.0220, 53.1580**, and if you desaturate by 10%, it is **140.1450, 78.6240, 39.8720**.

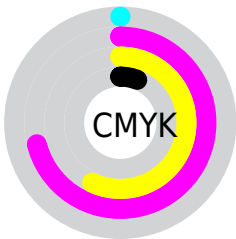
Distribution



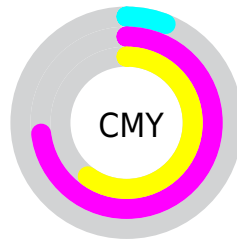
- Red (94%)
- Green (27%)
- Blue (40%)



- Red (94%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (71%)
- Yellow (57%)
- Black (6%)





- Cyan (6%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.8910, 91.3230, 46.5150 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 123.8910, 91.3230, 46.5150 by changing the saturation by 10% instead.


 123.8910, 91.3230,
46.5150


 123.8910, 91.3230,
46.5150


255.0000, -0.0000,
-0.0000


 90.7540, 90.4510,
51.3070


 168.8230, 67.6670,
34.6990

 59.3070, 87.5160,
54.9400


 188.9240, 51.0250,
27.9290


 47.6440, 75.7810,
41.8370


 209.0250, 34.3830,
21.1590

 36.2800, 64.6420,
28.9460

 229.8270, 17.1450,
14.1770

 25.8280, 50.9350,
18.5430

 249.7170, 2.4750,
4.7070

 16.9720, 32.7340,
12.4940

 4.1860, 8.3440,

2.9680

■ 0.0000, 0.0000,
0.0000

■ 123.8910, 91.3230,
46.5150

■ 123.8910, 91.3230,
46.5150

■ 107.6370,
104.0220, 53.1580

■ 140.1450, 78.6240,
39.8720

■ 91.2690, 117.0420,
59.4900


■ 156.5130, 65.6040,
33.5400


■ 77.0040, 128.2740,
65.1860


■ 172.7670, 52.9050,
26.8970

■ 189.1350, 39.8850,
20.5650

■ 205.3890, 27.1860,
13.9220

 221.6430, 14.4870,
7.2790

 238.0110, 1.4670,
0.9470

 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



129.0180, 63.7650, 61.3730



123.8910, 91.3230, 46.5150



126.6860, 92.0170, 11.8970

Triad

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



123.8910, 91.3230, 46.5150



109.2500, -26.3530, -56.5690



115.6040, -121.5920, 0.9680

Complementary

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



123.8910, 91.3230, 46.5150



185.1090, -91.3230, -46.5150

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.



118.0540, -114.7120, -13.5920



123.8910, 91.3230, 46.5150



105.3030, -77.4300, -50.5020

Square

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



123.8910, 91.3230, 46.5150



121.9250, 37.8340, -46.9180



113.6590, -98.2030, -31.9550



123.7720, -77.3060, 24.3740

Rectangle

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



123.8910, 91.3230, 46.5150



125.5330, 86.9330, -17.1230



113.6590, -98.2030, -31.9550



117.8550, -121.0410, -3.5130

Sweetspot

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



123.8910, 91.3230, 46.5150



218.4000, 28.6530, 14.8690



129.4570, 26.7610, 82.2250



106.2520, 17.1460, 8.6500



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.



123.8910, 91.3230, 46.5150



106.2690, 117.0420, 59.4900



150.0660, 87.8910, 9.5790



111.8160, 6.5100, 3.1660



59.1200, 98.1080, 50.2040



17.9980, 29.8450, 15.2930

Inverse Universe

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



123.8910, 91.3230, 46.5150



106.2690, 117.0420, 59.4900



158.9340, -87.8910, -9.5790



111.8160, 6.5100, 3.1660



59.1200, 98.1080, 50.2040



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 123.8910, 91.3230, 46.5150 looks on a white background.

Color Contrast Check

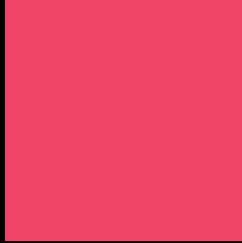
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.8910, 91.3230, 46.5150 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 123.8910, 91.3230, 46.5150

Background



This preview shows how black text looks on a background with the YIQ color 123.8910, 91.3230, 46.5150.



This preview shows how white text looks on a background with the YIQ color 123.8910, 91.3230,

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

123.8910, 91.3230, 46.5150

Protanopia

134.7830, 2.1090, 0.3250

Deuteranopia

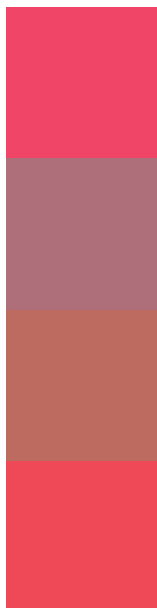
133.6920, 29.9860, -3.7900



Tritanopia

123.7910, 97.0560, 36.2240

Trichromacy



Original Color

123.8910, 91.3230, 46.5150

Protanomaly

130.5040, 34.2920, 17.3000

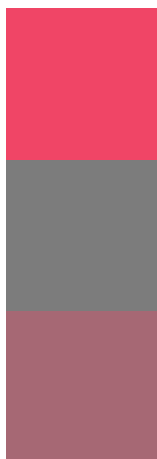
Deuteranomaly

130.3780, 52.0820, 14.2740

Tritanomaly

123.6430, 94.7170, 40.0690

Monochromacy



Original Color

123.8910, 91.3230, 46.5150

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9060, 33.1000, 16.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.8910, 91.3230, 46.5150 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(240, 69, 102)` looks like.

```
.text, #text, p{  
    color:rgb(240, 69, 102)  
}
```

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(240, 69, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 69, 102) }
```

Border

The CSS property to change the border of an element to YIQ 123.8910, 91.3230, 46.5150 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(240, 69, 102) }
```


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

```
.border{ border-color:rgb(240, 69, 102) }
```

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

Here you see how a box with a 4 pixel rgb(240, 69, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 69, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 69, 102);  
box-shadow:4px 4px 4px 4px rgb(240, 69,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 123.8910, 91.3230, 46.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 69, 102) }
```

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

```
.background{ background-color: rgb(240, 69,  
102) }
```

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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