

Converting Colors

YIQ(121.5380, 90.8190, 44.6350)

Have a look what the booklet for
YIQ(121.5380, 90.8190, 44.6350)
contains.

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Color

**YIQ(121.5380, 90.8190,
44.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4461
RGB	236, 68, 97
RGB Percent	93%, 27%, 38%
CMY	0.0741, 0.7336, 0.6193
CMYK	0.00, 0.71, 0.59, 0.07
HSL	350°, 82%, 60%
HSV	350°, 71%, 93%
XYZ	38.8520, 22.8415, 13.6915
YIQ	121.5380, 90.8190, 44.6350

Conversions

Conversions Part 2

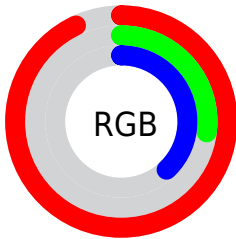
Format	Color
R_{YB}	236, 68, 97
Decimal	15484001
CIE _{Lab}	54.91, 65.43, 22.06
CIE _{LCh}	55, 69.052, 18.629
Yxy	22.8415, 0.5154, 0.3030
Android (android.graphics.Color)	4293674081 (0xFFEC4461)
YUV	121.5380, -12.0972, 100.3832
Hunter-Lab	47.7928, 61.4700, 16.4698

Details

The YIQ color **121.5380, 90.8190, 44.6350** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **182.4620, -90.8190, -44.6350**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **167.5520, 69.8680, 33.3560**, and **57.5410, 86.7370, 52.5370** is the 20% darker color. If you saturate the color by 10%, you get **105.2840, 103.5180, 51.2780**, and if you desaturate by 10%, it is **137.9060, 77.7990, 38.3030**.

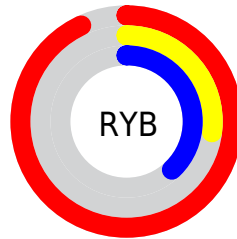
Distribution



Red (93%)

Green (27%)

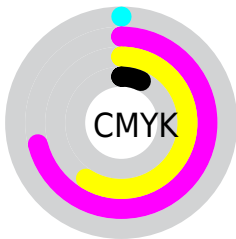
Blue (38%)



Red (93%)

Yellow (27%)

Blue (38%)

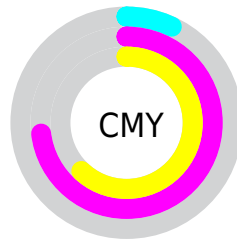


Cyan (0%)

Magenta (71%)

Yellow (59%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5380, 90.8190, 44.6350 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 121.5380, 90.8190, 44.6350 by changing the saturation by 10% instead.

■ 121.5380, 90.8190,
44.6350

■ 121.5380, 90.8190,
44.6350

255.0000, -0.0000,
-0.0000

■ 88.9880, 89.6720,
48.9040

■ 167.5520, 69.8680,
33.3560

■ 57.5410, 86.7370,
52.5370

■ 187.6530, 53.2260,
26.5860

■ 46.2910, 75.2770,
39.9570

■ 207.7540, 36.5840,
19.8160

■ 34.2860, 64.5050,
25.9210

■ 227.9690, 19.6210,
13.3570

■ 24.7460, 48.2300,
18.0060

■ 248.5430, 3.0250,
5.7530

■ 16.0750, 30.9460,
11.8580

■ 0.2990, 0.5960,

0.2120

■ 0.0000, 0.0000,
0.0000

■ 121.5380, 90.8190,
44.6350

■ 121.5380, 90.8190,
44.6350

■ 105.2840,
103.5180, 51.2780

■ 137.9060, 77.7990,
38.3030

■ 89.5030, 116.2630,
57.0870


■ 153.5730, 65.3750,
32.1830


■ 75.2380, 127.4950,
62.7830


■ 169.9410, 52.3550,
25.8510


■ 185.6080, 39.9310,
19.7310

■ 201.9760, 26.9110,
13.3990

 218.2300, 14.2120,
6.7560

 234.0110, 1.4670,
0.9470

 249.0910,
-10.6820, -4.6500

 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



125.9750, 65.3240, 60.6520



121.5380, 90.8190, 44.6350



124.7350, 90.3210, 9.5930

Triad

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



121.5380, 90.8190, 44.6350



105.6130, -31.8090, -56.8090



113.5010, -119.8040, 1.6040

Complementary

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



121.5380, 90.8190, 44.6350



182.4620, -90.8190, -44.6350

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.



116.1790, -113.5660, -12.3340



121.5380, 90.8190, 44.6350



104.2430, -77.2010, -49.1450

Square

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



121.5380, 90.8190, 44.6350



118.9570, 34.8080, -47.1440



111.8980, -97.3780, -30.3860



123.2460, -69.8330, 26.6070

Rectangle

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



121.5380, 90.8190, 44.6350



123.1520, 83.6320, -17.8720



111.8980, -97.3780, -30.3860



115.1650, -118.9780, -2.3540

Sweetspot

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



121.5380, 90.8190, 44.6350



218.2860, 28.9740, 14.5580



128.1150, 27.7240, 81.2920



106.1380, 17.4670, 8.3390



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.



121.5380, 90.8190, 44.6350



107.2150, 117.1340, 57.8220



149.3430, 85.5530, 7.8970



109.5170, 5.9140, 2.9540



57.6530, 97.9250, 48.0130



17.1720, 29.2950, 14.2470

Inverse Universe

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



121.5380, 90.8190, 44.6350



107.2150, 117.1340, 57.8220



154.6570, -85.5530, -7.8970



109.5170, 5.9140, 2.9540



57.6530, 97.9250, 48.0130



17.1720, 29.2950, 14.2470

Previews

White Background



This preview shows how the YIQ color 121.5380, 90.8190, 44.6350 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 121.5380, 90.8190, 44.6350 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 121.5380, 90.8190, 44.6350

Background



This preview shows how black text looks on a background with the YIQ color 121.5380, 90.8190, 44.6350.

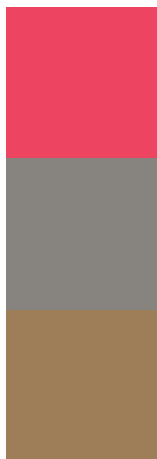


This preview shows how white text looks on a background with the YIQ color 121.5380, 90.8190,

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

121.5380, 90.8190, 44.6350

Protanopia

131.6260, 3.9890, -0.7070

Deuteranopia

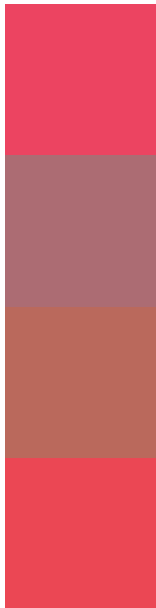
131.3500, 30.9490, -4.7230



Tritanopia

121.1930, 95.8640, 35.8000

Trichromacy



Original Color

121.5380, 90.8190, 44.6350

Protanomaly

127.9340, 35.8970, 15.7450

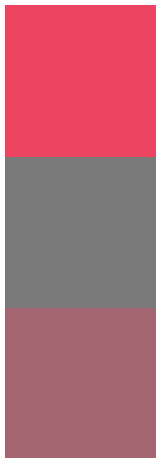
Deuteranomaly

127.7370, 52.4490, 13.1290

Tritanomaly

121.5180, 93.5710, 38.8110

Monochromacy



Original Color

121.5380, 90.8190, 44.6350

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.4930, 32.8250, 16.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5380, 90.8190, 44.6350 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(236, 68, 97)` looks like.

```
.text, #text, p{  
    color:rgb(236, 68, 97)  
}
```

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(236, 68, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 68, 97) }
```

Border

The CSS property to change the border of an element to YIQ 121.5380, 90.8190, 44.6350 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(236, 68, 97) }
```


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

```
.border{ border-color:rgb(236, 68, 97) }
```

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

Here you see how a box with a 4 pixel rgb(236, 68, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 68, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 68, 97);  
box-shadow:4px 4px 4px 4px rgb(236, 68,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5380, 90.8190, 44.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 68, 97) }
```

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

```
.background{ background-color: rgb(236, 68,  
97) }
```

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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