

# Converting Colors

YIQ(124.9610, 77.1070, 61.8670)

Have a look what the booklet for  
YIQ(124.9610, 77.1070, 61.8670)  
contains.

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# **Color**

**YIQ(124.9610, 77.1070,  
61.8670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED4091
RGB	237, 64, 145
RGB Percent	93%, 25%, 57%
CMY	0.0701, 0.7493, 0.4311
CMYK	0.00, 0.73, 0.39, 0.07
HSL	332°, 83%, 59%
HSV	332°, 73%, 93%
XYZ	41.9093, 23.7297, 29.1846
YIQ	124.9610, 77.1070, 61.8670

# Conversions

## Conversions Part 2

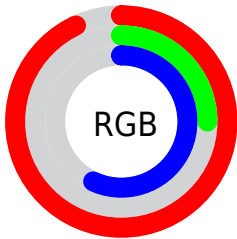
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	237, 64, 145
Decimal	15548561
CIE Lab	55.82, 71.01, -5.13
CIE LCh	56, 71.197, 355.867
Yxy	23.7297, 0.4420, 0.2503
Android (android.graphics.Color)	4293738641 (0xFFED4091)
YUV	124.9610, 9.8792, 98.2582
Hunter-Lab	48.7131, 68.3209, -1.4221

# Details

The YIQ color **124.9610, 77.1070, 61.8670** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **176.0390, -77.1070, -61.8670**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3060, 53.7260, 50.5740**, and **63.4540, 74.4010, 66.8570** is the 20% darker color. If you saturate the color by 10%, you get **109.3910, 87.8800, 70.3760**, and if you desaturate by 10%, it is **140.5310, 66.3340, 53.3580**.

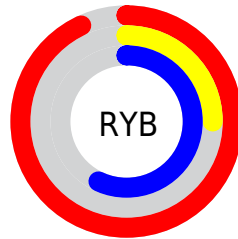
# Distribution



Red (93%)

Green (25%)

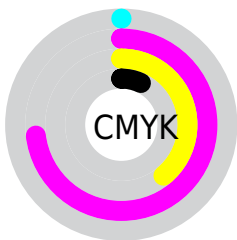
Blue (57%)



Red (93%)

Yellow (25%)

Blue (57%)

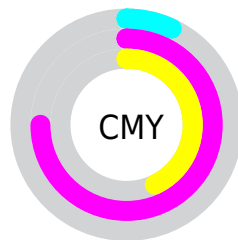


Cyan (0%)

Magenta (73%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 124.9610, 77.1070, 61.8670 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 124.9610, 77.1070, 61.8670 by changing the saturation by 10% instead.



124.9610, 77.1070,  
61.8670

124.9610, 77.1070,  
61.8670

255.0000, -0.0000,  
-0.0000

88.6610, 78.2520,  
68.6520

172.3060, 53.7260,  
50.5740

63.4540, 74.4010,  
66.8570

192.5210, 36.7630,  
44.1150

51.7480, 64.2250,  
53.0330

213.3230, 19.5250,  
37.1330

40.2700, 53.4070,  
39.8310

230.3460, 11.5500,  
21.9660

29.2050, 42.8640,  
27.1520

247.9560, 3.3000,  
6.2760

18.2820, 34.7970,  
13.6530

6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,  
0.0000

■ 124.9610, 77.1070,  
61.8670

■ 124.9610, 77.1070,  
61.8670

■ 109.3910, 87.8800,  
70.3760

■ 140.5310, 66.3340,  
53.3580

■ 94.5220, 98.0570,  
78.6730

■ 155.4000, 56.1570,  
45.0610

■ 83.5170, 105.6210,  
84.7650

■ 170.9700, 45.3840,  
36.5520

■ 186.4260, 34.9320,  
27.7320

■ 201.4090, 24.4340,  
19.7460

216.9790, 13.6610,  
11.2370

232.4350, 3.2090,  
2.4170

248.0050, -7.5640,  
-6.0920

249.6180,  
-10.7280, -3.8160

# Harmonies

## Analogous

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



135.5870, 28.3700, 58.5620



124.9610, 77.1070, 61.8670



123.3010, 95.6800, 39.1360

# Triad

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



124.9610, 77.1070, 61.8670



118.2930, 24.8140, -53.2500



119.0630, -118.9310, -8.7150

# Complementary

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



124.9610, 77.1070, 61.8670



176.0390, -77.1070, -61.8670

# 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.



115.7110, -103.9810, -26.3570



124.9610, 77.1070, 61.8670



98.2980, -61.8390, -63.2390

# Square

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



124.9610, 77.1070, 61.8670



125.3680, 64.9280, -31.3280



108.5290, -83.7580, -45.9500



113.5980, -121.4550, 3.9930



# Rectangle

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



124.9610, 77.1070, 61.8670



126.4090, 94.3550, 13.5790



108.5290, -83.7580, -45.9500



118.6410, -114.9870, -14.1150

# Sweetspot

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



124.9610, 77.1070, 61.8670



218.7080, 25.0300, 19.9580



110.3330, -2.4890, 72.6710



105.9900, 15.1280, 12.1840



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.



124.9610, 77.1070, 61.8670



109.9460, 99.7990, 80.1430



117.4880, 102.2830, 35.1070



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230



# Inverse Universe

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



124.9610, 77.1070, 61.8670



109.9460, 99.7990, 80.1430



183.5120, -102.2830, -35.1070



109.8590, 4.9510, 3.8870



63.8090, 80.5910, 64.8070



18.9960, 24.1590, 19.2230



# Previews

## White Background



This preview shows how the YIQ color 124.9610, 77.1070, 61.8670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

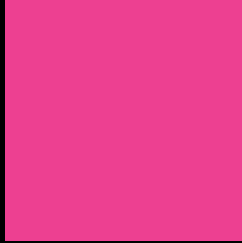
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 124.9610, 77.1070, 61.8670 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 124.9610, 77.1070, 61.8670

## Background



This preview shows how black text looks on a background with the YIQ color 124.9610, 77.1070, 61.8670.



This preview shows how white text looks on a background with the YIQ color 124.9610, 77.1070,

61.8670.

# 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

124.9610, 77.1070, 61.8670

### Protanopia

134.0130, -27.2370, 14.5470

### Deuteranopia

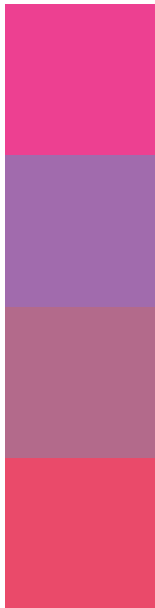
135.4680, 7.6100, 5.2580



## Tritanopia

126.2030, 89.9040, 33.6800

# Trichromacy



## Original Color

124.9610, 77.1070, 61.8670

## Protanomaly

130.6700, 10.9980, 31.9740

## Deuteranomaly

131.5890, 32.9150, 25.7390

## Tritanomaly

125.4880, 85.0880, 43.8720

# Monochromacy



## Original Color

124.9610, 77.1070, 61.8670

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.1430, 28.2390, 22.3750

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 124.9610, 77.1070, 61.8670 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(237, 64, 145)` looks like.

```
.text, #text, p{  
    color:rgb(237, 64, 145)  
}
```

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(237, 64, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 64, 145) }
```

## Border

The CSS property to change the border of an element to YIQ 124.9610, 77.1070, 61.8670 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(237, 64, 145) }
```



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

```
.border{ border-color:rgb(237, 64, 145) }
```

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

Here you see how a box with a 4 pixel rgb(237, 64, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 64, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 64, 145);  
box-shadow:4px 4px 4px 4px rgb(237, 64,  
145) }
```

# Background

The CSS property to change the background color of an element to YIQ 124.9610, 77.1070, 61.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 64, 145) }
```

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

```
.background{ background-color: rgb(237, 64,  
145) }
```

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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