

# Converting Colors

YIQ(122.9130, 77.0620, 57.1740)

Have a look what the booklet for  
YIQ(122.9130, 77.0620, 57.1740)  
contains.

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# Color

**YIQ(122.9130, 77.0620,  
57.1740)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E84187
RGB	232, 65, 135
RGB Percent	91%, 25%, 53%
CMY	0.0898, 0.7453, 0.4703
CMYK	0.00, 0.72, 0.42, 0.09
HSL	335°, 79%, 58%
HSV	335°, 72%, 91%
XYZ	39.5792, 22.6983, 25.2405
YIQ	122.9130, 77.0620, 57.1740

# Conversions

## Conversions Part 2

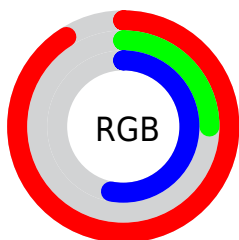
Format	Color
<a href="#">RYB</a>	<a href="#">232, 65, 135</a>
Decimal	<a href="#">15221127</a>
CIELab	<a href="#">54.76, 68.38, -0.86</a>
CIELCh	<a href="#">55, 68.380, 359.280</a>
Yxy	<a href="#">22.6983, 0.4522, 0.2594</a>
Android (android.graphics.Color)	<a href="#">4293411207</a> (0xFFE84187)
YUV	<a href="#">122.9130, 5.9589, 95.6693</a>
Hunter-Lab	<a href="#">47.6427, 64.9143, 1.9388</a>

# Details

The YIQ color **122.9130, 77.0620, 57.1740** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **174.0870, -77.0620, -57.1740**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0520, 57.2570, 47.1530**, and **60.9330, 74.3100, 62.9980** is the 20% darker color. If you saturate the color by 10%, you get **107.9300, 87.5600, 65.1600**, and if you desaturate by 10%, it is **138.0100, 66.2430, 49.4990**.

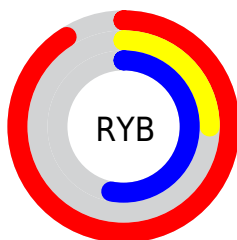
# Distribution



Red (91%)

Green (25%)

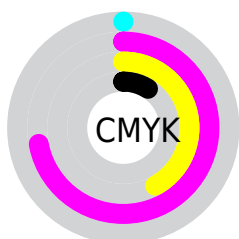
Blue (53%)



Red (91%)

Yellow (25%)

Blue (53%)

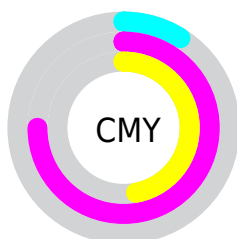


Cyan (0%)

Magenta (72%)

Yellow (42%)

Black (9%)



Cyan (9%)

Magenta (75%)

Yellow (47%)


# Brightness & Saturation


## Gradients

These gradients show how the YIQ color 122.9130, 77.0620, 57.1740 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 122.9130, 77.0620, 57.1740 by changing the saturation by 10% instead.





 122.9130, 77.0620,  
57.1740


 122.9130, 77.0620,  
57.1740


255.0000, -0.0000,  
-0.0000


 88.4880, 77.0610,  
62.7010


 171.0520, 57.2570,  
47.1530


 60.9330, 74.3100,  
62.9980


 191.2670, 40.2940,  
40.6940

 49.3410, 63.8130,  
49.4850


 211.4820, 23.3310,  
34.2350

 38.1620, 53.5910,  
36.4950

 230.3460, 11.5500,  
21.9660


 27.2110, 42.7270,  
24.1270


 247.9560, 3.3000,  
6.2760


 16.3740, 31.5420,  
12.0700


 2.0930, 4.1720,


1.4840


 0.0000, 0.0000,  
0.0000


 122.9130, 77.0620,  
57.1740


 122.9130, 77.0620,  
57.1740


 107.9300, 87.5600,  
65.1600


 138.0100, 66.2430,  
49.4990


 92.8330, 98.3790,  
72.8350


 152.9930, 55.7450,  
41.5130

 80.4260, 107.1350,  
79.3510


 168.5630, 44.9720,  
33.0040

 183.6600, 34.1530,  
25.3290

 198.6430, 23.6550,  
17.3430

 213.7400, 12.8360,  
9.6680

 228.7230, 2.3380,  
1.6820

 244.4070, -8.7560,  
-6.5160

 248.1230,  
-13.7080, -4.8760

# Harmonies

## Analogous

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



132.1700, 33.9180, 57.1340



122.9130, 77.0620, 57.1740



122.4590, 92.0590, 33.1710

# Triad

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



122.9130, 77.0620, 57.1740



114.4280, 20.0000, -54.1120



115.7860, -116.5930, -7.0330

# Complementary

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



122.9130, 77.0620, 57.1740



174.0870, -77.0620, -57.1740

# 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.



113.5910, -103.5230, -23.6430



122.9130, 77.0620, 57.1740



97.3350, -63.2610, -59.4930

# Square

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



122.9130, 77.0620, 57.1740



122.6770, 59.5640, -33.2360



106.7510, -84.2630, -42.3030



110.0930, -118.4750, 5.0530



# Rectangle

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



122.9130, 77.0620, 57.1740



124.0230, 89.4500, 8.8580



106.7510, -84.2630, -42.3030



115.4780, -112.9700, -12.1220

# Sweetspot

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



122.9130, 77.0620, 57.1740



218.3660, 25.9930, 19.0250



112.4430, 3.0130, 72.0770



105.7620, 15.7700, 11.5620



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.



122.9130, 77.0620, 57.1740



111.9690, 100.9920, 75.0400



121.3900, 96.5070, 29.6510



109.7450, 5.2720, 3.5760



62.7830, 83.4800, 62.0080



18.6540, 25.1220, 18.2900



# Inverse Universe

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



122.9130, 77.0620, 57.1740



111.9690, 100.9920, 75.0400



175.6100, -96.5070, -29.6510



109.7450, 5.2720, 3.5760



62.7830, 83.4800, 62.0080



18.6540, 25.1220, 18.2900



# Previews

## White Background



This preview shows how the YIQ color 122.9130, 77.0620, 57.1740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

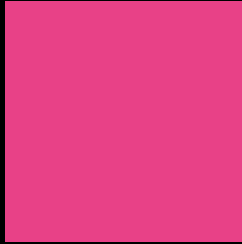
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YIQ color 122.9130, 77.0620, 57.1740 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 122.9130, 77.0620, 57.1740**

## **Background**



This preview shows how black text looks on a background with the YIQ color 122.9130, 77.0620, 57.1740.



This preview shows how white text looks on a background with the YIQ color 122.9130, 77.0620, 57.1740.



# 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

122.9130, 77.0620, 57.1740

### Protanopia

131.8410, -21.0010, 11.6630

### Deuteranopia

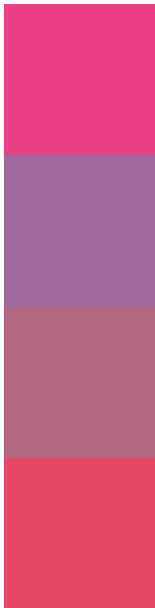
132.6810, 11.3240, 4.0280



## Tritanopia

123.6050, 88.7120, 33.2560

# Trichromacy



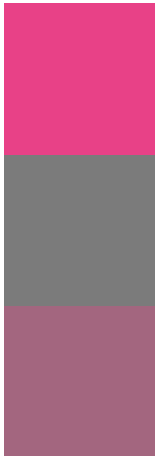
**Original Color**  
122.9130, 77.0620, 57.1740

**Protanomaly**  
128.3020, 14.8500, 28.2420

**Deuteranomaly**  
128.7910, 35.1620, 23.5620

**Tritanomaly**  
123.1350, 84.5840, 41.9920

# Monochromacy



**Original Color**  
122.9130, 77.0620, 57.1740

**Achromatopsia**  
123.0000, -0.0000, -0.0000

**Achromatomaly**  
123.0890, 28.3310, 20.7070

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 122.9130, 77.0620, 57.1740 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(232, 65, 135)` looks like.

```
.text, #text, p{  
    color:rgb(232, 65, 135)  
}
```

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(232, 65, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 65, 135) }
```

## Border

The CSS property to change the border of an element to YIQ 122.9130, 77.0620, 57.1740 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(232, 65, 135) }
```



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

```
.border{ border-color:rgb(232, 65, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 65, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 65, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 65, 135);  
box-shadow:4px 4px 4px 4px rgb(232, 65,  
135) }
```

# Background

The CSS property to change the background color of an element to YIQ 122.9130, 77.0620, 57.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 65, 135) }
```

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

```
.background{ background-color: rgb(232, 65,  
135) }
```

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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