

# Converting Colors

YIQ(138.1590, 76.0090, 48.7210)

Have a look what the booklet for  
YIQ(138.1590, 76.0090, 48.7210)  
contains.

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# Color

**YIQ(138.1590, 76.0090,  
48.7210)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F15689
RGB	241, 86, 137
RGB Percent	95%, 34%, 54%
CMY	0.0545, 0.6630, 0.4625
CMYK	0.00, 0.64, 0.43, 0.05
HSL	340°, 85%, 64%
HSV	340°, 64%, 95%
XYZ	44.1533, 27.1720, 26.6097
YIQ	138.1590, 76.0090, 48.7210

# Conversions

## Conversions Part 2

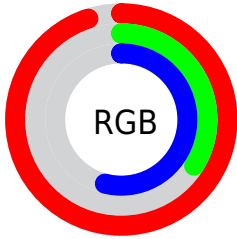
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 86, 137
Decimal	15816329
CIE Lab	59.13, 63.39, 4.50
CIE LCh	59, 63.547, 4.059
Yxy	27.1720, 0.4508, 0.2774
Android (android.graphics.Color)	4294006409 (0xFFFF15689)
YUV	138.1590, -0.5714, 90.1916
Hunter-Lab	52.1268, 59.9741, 6.2224

# Details

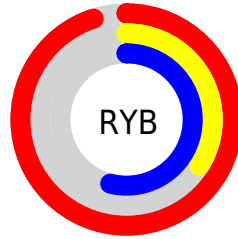
The YIQ color **138.1590, 76.0090, 48.7210** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **188.8410, -76.0090, -48.7210**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.8460, 51.6650, 38.3610**, and **72.5430, 75.2280, 57.3720** is the 20% darker color. If you saturate the color by 10%, you get **122.2470, 87.7450, 56.2970**, and if you desaturate by 10%, it is **154.0710, 64.2730, 41.1450**.

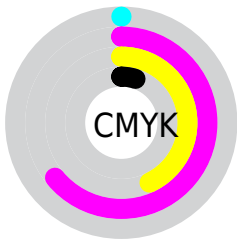
# Distribution



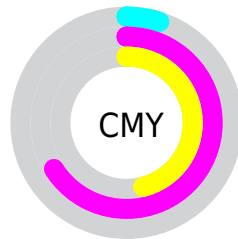
- Red (95%)
- Green (34%)
- Blue (54%)



- Red (95%)
- Yellow (34%)
- Blue (54%)



- Cyan (0%)
- Magenta (64%)
- Yellow (43%)
- Black (5%)




- Cyan (5%)
- Magenta (66%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 138.1590, 76.0090, 48.7210 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 138.1590, 76.0090, 48.7210 by changing the saturation by 10% instead.





 138.1590, 76.0090,  
48.7210


 138.1590, 76.0090,  
48.7210


255.0000, -0.0000,  
-0.0000


 108.4300, 73.8080,  
50.0640


 181.8460, 51.6650,  
38.3610

 72.6570, 74.9070,  
57.6830


 202.0610, 34.7020,  
31.9020

 52.1460, 68.8560,  
51.7040

 222.2760, 17.7390,  
25.4430

 41.0810, 58.3130,  
39.0250

 240.3250, 6.8750,  
13.0750

 29.8310, 46.8530,  
26.4450

 19.7770, 37.7770,  
14.7130

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,  
0.0000

■ 138.1590, 76.0090,  
48.7210

■ 138.1590, 76.0090,  
48.7210

■ 122.2470, 87.7450,  
56.2970

■ 154.0710, 64.2730,  
41.1450

■ 106.3350, 99.4810,  
63.8730

■ 169.9830, 52.5370,  
33.5690

■ 90.4230, 111.2170,  
71.4490

■ 186.0090, 40.4800,  
26.3040

■ 81.0650, 118.2770,  
75.6610

■ 201.9210, 28.7440,  
18.7280

■ 217.8330, 17.0080,  
11.1520

234.3320, 4.9970,  
3.0530

250.2440, -6.7390,  
-4.5230

250.8140, -8.3440,  
-2.9680

# Harmonies

## Analogous

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



144.2860, 39.2830, 53.5150



138.1590, 76.0090, 48.7210



137.5520, 87.0630, 24.5910

# Triad

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



138.1590, 76.0090, 48.7210



128.0000, 6.8860, -47.7220



122.0950, -121.9570, -8.9410

# Complementary

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



138.1590, 76.0090, 48.7210



188.8410, -76.0090, -48.7210

# 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.



121.2850, -111.4090, -23.8970



138.1590, 76.0090, 48.7210



107.2290, -74.5860, -57.9940

# Square

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



138.1590, 76.0090, 48.7210



132.0910, 58.0980, -39.7100



115.6020, -94.0290, -41.5250



114.6580, -121.6840, 2.6360



# Rectangle

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



138.1590, 76.0090, 48.7210



137.6260, 83.0780, 3.1900



115.6020, -94.0290, -41.5250



122.7160, -119.5720, -13.6200

# Sweetspot

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



138.1590, 76.0090, 48.7210



223.1760, 23.4720, 15.1520



134.4670, 11.6330, 70.0410



108.1100, 14.6700, 9.4700



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.



138.1590, 76.0090, 48.7210



124.9000, 96.2720, 61.4560



147.6070, 85.2300, 19.2620



112.0440, 5.8680, 3.7880



61.8560, 90.4040, 57.6680



18.7960, 27.5980, 17.4700



# Inverse Universe

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



138.1590, 76.0090, 48.7210



124.9000, 96.2720, 61.4560



179.3930, -85.2300, -19.2620



112.0440, 5.8680, 3.7880



61.8560, 90.4040, 57.6680



18.7960, 27.5980, 17.4700



# Previews

## White Background



This preview shows how the YIQ color 138.1590, 76.0090, 48.7210 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

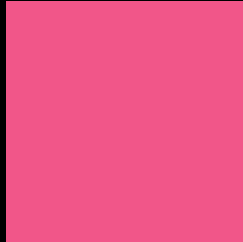
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 138.1590, 76.0090, 48.7210 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 138.1590, 76.0090, 48.7210

## Background



This preview shows how black text looks on a background with the YIQ color 138.1590, 76.0090, 48.7210.



This preview shows how white text looks on a background with the YIQ color 138.1590, 76.0090,



# 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

138.1590, 76.0090, 48.7210

### Protanopia

143.1100, -11.6930, 8.1710

### Deuteranopia

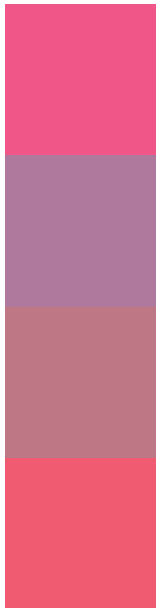
143.9650, 16.2760, 2.3880



## Tritanopia

138.0390, 84.4940, 32.6060

# Trichromacy



## Original Color

138.1590, 76.0090, 48.7210

## Protanomaly

141.3640, 20.3070, 22.9550

## Deuteranomaly

141.8250, 37.8220, 19.4060

## Tritanomaly

138.0590, 81.7420, 38.4300

# Monochromacy



## Original Color

138.1590, 76.0090, 48.7210

## Achromatopsia

138.0000, -0.0000, -0.0000

## Achromatomaly

137.9100, 27.2770, 17.7810

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 138.1590, 76.0090, 48.7210 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(241, 86, 137)` looks like.

```
.text, #text, p{  
    color:rgb(241, 86, 137)  
}
```

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(241, 86, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 86, 137) }
```

## Border

The CSS property to change the border of an element to YIQ 138.1590, 76.0090, 48.7210 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(241, 86, 137) }
```



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

```
.border{ border-color:rgb(241, 86, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 86, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 86, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 86, 137); box-shadow:4px 4px 4px 4px rgb(241, 86, 137) }
```

# Background

The CSS property to change the background color of an element to YIQ 138.1590, 76.0090, 48.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 86, 137) }
```

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

```
.background{ background-color: rgb(241, 86,  
137) }
```

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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