

# Converting Colors

YIQ(187.2540, 33.1410, 43.6770)

Have a look what the booklet for  
YIQ(187.2540, 33.1410, 43.6770)  
contains.

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# Color

**YIQ(187.2540, 33.1410,  
43.6770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F696E1
RGB	246, 150, 225
RGB Percent	96%, 59%, 88%
CMY	0.0350, 0.4119, 0.1176
CMYK	0.00, 0.39, 0.09, 0.04
HSL	313°, 84%, 78%
HSV	313°, 39%, 96%
XYZ	62.5238, 46.8427, 76.9937
YIQ	187.2540, 33.1410, 43.6770

# Conversions

## Conversions Part 2

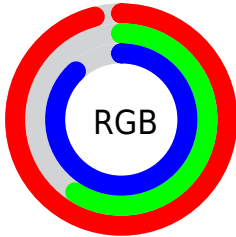
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 150, 225
Decimal	16160481
CIE <sub>Lab</sub>	74.09, 46.53, -22.86
CIE <sub>LCh</sub>	74, 51.844, 333.842
Yxy	46.8427, 0.3355, 0.2514
Android (android.graphics.Color)	4294350561 (0xFFFF696E1)
YUV	187.2540, 18.6088, 51.5202
Hunter-Lab	68.4417, 43.2927, -18.7893

# Details

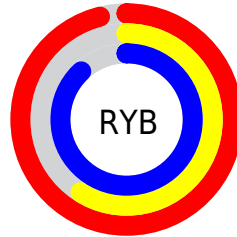
The YIQ color **187.2540, 33.1410, 43.6770** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **208.7460, -33.1410, -43.6770**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2370, 13.4750, 25.6270**, and **132.5310, 30.8030, 41.9950** is the 20% darker color. If you saturate the color by 10%, you get **172.0090, 41.6210, 55.1970**, and if you desaturate by 10%, it is **202.4990, 24.6610, 32.1570**.

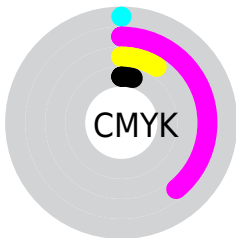
# Distribution



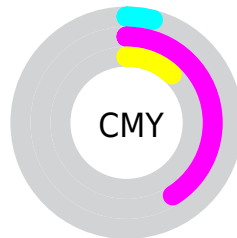
- Red (96%)
- Green (59%)
- Blue (88%)



- Red (96%)
- Yellow (59%)
- Blue (88%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2540, 33.1410, 43.6770 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 187.2540, 33.1410, 43.6770 by changing the saturation by 10% instead.





 187.2540, 33.1410,  
43.6770

 187.2540, 33.1410,  
43.6770


255.0000, -0.0000,  
-0.0000


 159.5420, 32.2700,  
42.9420


 226.2370, 13.4750,  
25.6270


 132.5310, 30.8030,  
41.9950

 243.2600, 5.5000,  
10.4600

 105.2320, 30.2070,  
41.7830

 78.9330, 29.6110,  
41.5710

 49.8130, 30.0690,  
44.2850

 31.7860, 25.5310,  
38.4190

 21.6890, 18.0140,

25.9660

■ 11.5210, 9.2590,  
13.9230

■ 0.0000, 0.0000,  
0.0000

■ 187.2540, 33.1410,  
43.6770

■ 187.2540, 33.1410,  
43.6770

■ 172.0090, 41.6210,  
55.1970

■ 202.4990, 24.6610,  
32.1570

■ 157.2370, 50.1470,  
65.8830

■ 217.2710, 16.1350,  
21.4710

■ 141.9920, 58.6270,  
77.4030

■ 232.5160, 7.6550,  
9.9510

■ 127.2200, 67.1530,  
88.0890

■ 247.2880, -0.8710,  
-0.7350

■ 111.9750, 75.6330,  
99.6090

■ 251.9670, -4.4010,  
-2.8410

■ 96.7300, 84.1130,  
111.1290

■ 252.3090, -5.3640,  
-1.9080

■ 95.4420, 84.9840,  
111.8640

# Harmonies

## Analogous

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



185.1050, -12.1560, 33.0920



187.2540, 33.1410, 43.6770



179.8910, 55.7920, 35.1520

# Triad

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



187.2540, 33.1410, 43.6770



177.7050, 45.1660, -25.6020



147.0110, -131.4890, -34.4410

# Complementary

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



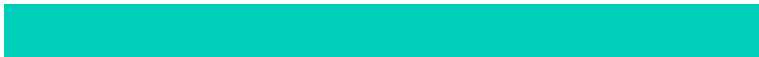
187.2540, 33.1410, 43.6770



208.7460, -33.1410, -43.6770

# 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.



142.2400, -116.6770, -49.5810



187.2540, 33.1410, 43.6770



172.2100, 6.6550, -38.0250

# Square

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



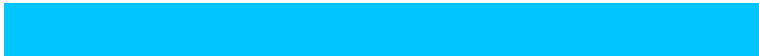
187.2540, 33.1410, 43.6770



180.8690, 68.9120, -4.4000



162.4010, -45.2910, -43.7470



145.2960, -136.3050, -24.2490



# Rectangle

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



187.2540, 33.1410, 43.6770



178.0040, 65.2390, 23.6310



162.4010, -45.2910, -43.7470



145.8880, -126.9490, -39.6290

# Sweetspot

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



187.2540, 33.1410, 43.6770



236.0050, 10.7720, 14.0360



167.2230, -18.3000, 34.3080



116.9780, 6.2340, 8.1700



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.



187.2540, 33.1410, 43.6770



181.5960, 41.3460, 54.6740



181.7820, 48.5490, 28.7490



114.7280, 3.9420, 5.6540



72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140



# Inverse Universe

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



187.2540, 33.1410, 43.6770



181.5960, 41.3460, 54.6740



214.2180, -48.5490, -28.7490



114.7280, 3.9420, 5.6540



72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140



# Previews

## White Background



This preview shows how the YIQ color 187.2540, 33.1410, 43.6770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

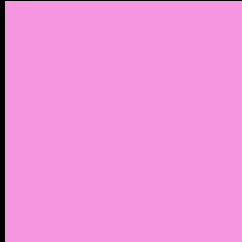
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 187.2540, 33.1410, 43.6770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

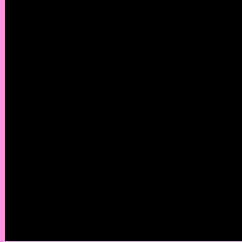
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 187.2540, 33.1410, 43.6770

## Background



This preview shows how black text looks on a background with the YIQ color 187.2540, 33.1410, 43.6770.



This preview shows how white text looks on a background with the YIQ color 187.2540, 33.1410,



# 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

187.2540, 33.1410, 43.6770

### Protanopia

182.5550, -31.6390, 17.2330

### Deuteranopia

183.9840, -11.0980, 13.9100



## Tritanopia

185.4020, 43.5070, 21.0030

# Trichromacy



## Original Color

187.2540, 33.1410, 43.6770



## Protanomaly

184.1560, -8.1660, 26.8580



## Deuteranomaly

185.2190, 4.7180, 24.6380



## Tritanomaly

185.8180, 39.7000, 29.4280

# Monochromacy



## Original Color

187.2540, 33.1410, 43.6770



## Achromatopsia

187.0000, -0.0000, -0.0000



## Achromatomaly

187.2440, 11.5970, 15.6050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 187.2540, 33.1410, 43.6770 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(246, 150, 225)` looks like.

```
.text, #text, p{  
    color:rgb(246, 150, 225)  
}
```

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(246, 150, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 150, 225) }
```

## Border

The CSS property to change the border of an element to YIQ 187.2540, 33.1410, 43.6770 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(246, 150, 225) }
```



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

```
.border{ border-color:rgb(246, 150, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 150, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 150, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 150, 225);  
box-shadow:4px 4px 4px 4px rgb(246, 150,  
225) }
```

# Background

The CSS property to change the background color of an element to YIQ 187.2540, 33.1410, 43.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 150, 225) }
```

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

```
.background{ background-color: rgb(246,  
150, 225) }
```

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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