

# Converting Colors

YIQ(171.4360, 38.1400, 35.6760)

Have a look what the booklet for  
YIQ(171.4360, 38.1400, 35.6760)  
contains.

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# Color

**YIQ(171.4360, 38.1400,  
35.6760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E68ABE
RGB	230, 138, 190
RGB Percent	90%, 54%, 75%
CMY	0.0978, 0.4590, 0.2548
CMYK	0.00, 0.40, 0.17, 0.10
HSL	326°, 65%, 72%
HSV	326°, 40%, 90%
XYZ	51.0340, 38.7184, 53.5151
YIQ	171.4360, 38.1400, 35.6760

# Conversions

## Conversions Part 2

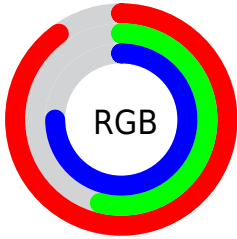
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 138, 190
Decimal	15108798
CIE Lab	68.55, 41.96, -12.06
CIE LCh	69, 43.664, 343.961
Yxy	38.7184, 0.3562, 0.2703
Android (android.graphics.Color)	4293298878 (0xFFE68ABE)
YUV	171.4360, 9.1521, 51.3606
Hunter-Lab	62.2241, 37.5070, -7.4347

# Details

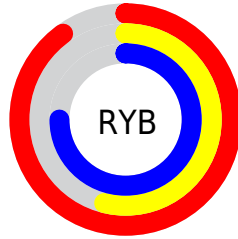
The YIQ color **171.4360, 38.1400, 35.6760** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **196.5640, -38.1400, -35.6760**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.5800, 19.9390, 29.6270**, and **117.8270, 35.4810, 34.3050** is the 20% darker color. If you saturate the color by 10%, you get **156.7950, 47.6750, 44.5950**, and if you desaturate by 10%, it is **186.0770, 28.6050, 26.7570**.

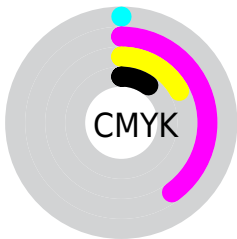
# Distribution



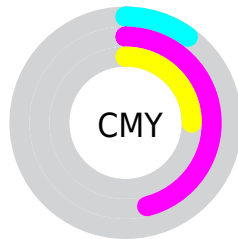
- Red (90%)
- Green (54%)
- Blue (75%)



- Red (90%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (10%)




- Cyan (10%)
- Magenta (46%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4360, 38.1400, 35.6760 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 171.4360, 38.1400, 35.6760 by changing the saturation by 10% instead.





 171.4360, 38.1400,  
35.6760

 171.4360, 38.1400,  
35.6760


255.0000, -0.0000,  
-0.0000


 143.8380, 36.9480,  
35.2520


 217.5800, 19.9390,  
29.6270


 117.8270, 35.4810,  
34.3050


 235.0420, 9.3500,  
17.7820

 91.2290, 34.2890,  
33.8810

 252.0650, 1.3750,  
2.6150

 65.1580, 33.0510,  
34.2910

 34.9780, 33.7380,  
38.3620

 24.4080, 26.1750,  
26.7430

 15.5500, 19.4830,

15.8590

■ 0.0000, 0.0000,  
0.0000

■ 171.4360, 38.1400,  
35.6760

■ 171.4360, 38.1400,  
35.6760

■ 156.7950, 47.6750,  
44.5950

■ 186.0770, 28.6050,  
26.7570

■ 142.1540, 57.2100,  
53.5140

■ 200.7180, 19.0700,  
17.8380

■ 127.5130, 66.7450,  
62.4330

■ 215.3590, 9.5350,  
8.9190

■ 112.8720, 76.2800,  
71.3520

■ 230.0000, -0.0000,  
0.0000

■ 98.2310, 85.8150,  
80.2710

■ 244.6410, -9.5350,  
-8.9190

■ 83.5900, 95.3500,  
89.1900

■ 246.9550,  
-13.2950, -6.8550

■ 247.5250,  
-14.9000, -5.3000

# Harmonies

## Analogous

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



171.8910, 3.0660, 32.5540



171.4360, 38.1400, 35.6760



169.5890, 59.2780, 27.0380

# Triad

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



171.4360, 38.1400, 35.6760



162.5490, 28.1100, -24.8660



133.7890, -121.8160, -28.0240

# Complementary

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



171.4360, 38.1400, 35.6760



196.5640, -38.1400, -35.6760

# 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.



131.4460, -111.0850, -40.7890



171.4360, 38.1400, 35.6760



157.5430, -7.2840, -33.2040

# Square

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



171.4360, 38.1400, 35.6760



165.3230, 52.7740, -9.2900



147.7240, -53.2700, -36.8060



147.0350, -95.3650, -6.2850



# Rectangle

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



171.4360, 38.1400, 35.6760



168.1900, 64.4150, 16.5350



147.7240, -53.2700, -36.8060



133.1220, -118.5600, -31.9680

# Sweetspot

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



171.4360, 38.1400, 35.6760



235.3210, 12.6980, 12.1700



160.4480, -5.6920, 37.0920



116.5220, 7.5180, 6.9260



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.



171.4360, 38.1400, 35.6760



177.3440, 50.5630, 47.3230



166.1920, 52.9060, 21.3700



107.3860, 4.9050, 4.7210



65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310



# Inverse Universe

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



171.4360, 38.1400, 35.6760



177.3440, 50.5630, 47.3230



201.8080, -52.9060, -21.3700



107.3860, 4.9050, 4.7210



65.0350, 74.2630, 69.3590

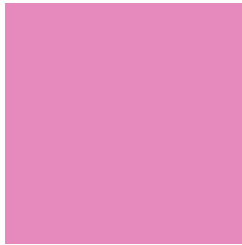


18.5550, 21.0870, 19.8310



# Previews

## White Background



This preview shows how the YIQ color 171.4360, 38.1400, 35.6760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

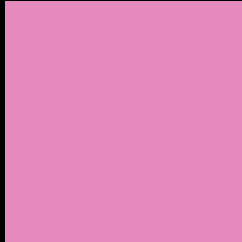
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 171.4360, 38.1400, 35.6760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

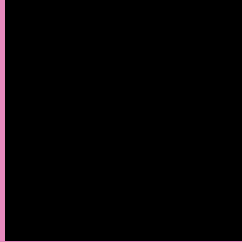
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 171.4360, 38.1400, 35.6760

## Background



This preview shows how black text looks on a background with the YIQ color 171.4360, 38.1400, 35.6760.



This preview shows how white text looks on a background with the YIQ color 171.4360, 38.1400,

35.6760.

# 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

171.4360, 38.1400, 35.6760

### Protanopia

168.2110, -19.1670, 11.4650

### Deuteranopia

169.5090, 0.3650, 9.9090



## Tritanopia

170.3590, 45.0660, 20.2820

# Trichromacy



## Original Color

171.4360, 38.1400, 35.6760



## Protanomaly

169.6160, 1.9220, 20.2420



## Deuteranomaly

170.3200, 14.4390, 19.1670



## Tritanomaly

170.3790, 42.3140, 26.1060

# Monochromacy



## Original Color

171.4360, 38.1400, 35.6760



## Achromatopsia

171.0000, -0.0000, -0.0000



## Achromatomaly

171.0330, 13.5690, 12.9050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 171.4360, 38.1400, 35.6760 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(230, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(230, 138, 190)  
}
```

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(230, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 138, 190) }
```

## Border

The CSS property to change the border of an element to YIQ 171.4360, 38.1400, 35.6760 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(230, 138, 190) }
```



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

```
.border{ border-color:rgb(230, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(230, 138,  
190) }
```

# Background

The CSS property to change the background color of an element to YIQ 171.4360, 38.1400, 35.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 138, 190) }
```

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

```
.background{ background-color: rgb(230,  
138, 190) }
```

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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