

Converting Colors

YIQ(168.8270, 35.4810, 34.3050)

Have a look what the booklet for
YIQ(168.8270, 35.4810, 34.3050)
contains.

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Color

**YIQ(168.8270, 35.4810,
34.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	E089BC
RGB	224, 137, 188
RGB Percent	88%, 54%, 74%
CMY	0.1213, 0.4629, 0.2626
CMYK	0.00, 0.39, 0.16, 0.12
HSL	325°, 58%, 71%
HSV	325°, 39%, 88%
XYZ	48.7797, 37.3699, 52.2337
YIQ	168.8270, 35.4810, 34.3050

Conversions

Conversions Part 2

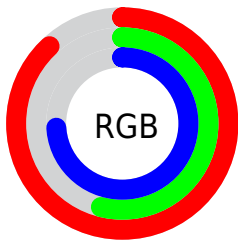
Format	Color
R_{YB}	224, 137, 188
Decimal	14715324
CIE _{Lab}	67.55, 40.17, -12.51
CIE _{LCh}	68, 42.073, 342.707
Yxy	37.3699, 0.3525, 0.2700
Android (android.graphics.Color)	4292905404 (0xFFE089BC)
YUV	168.8270, 9.4523, 48.3867
Hunter-Lab	61.1310, 35.4557, -7.8690

Details

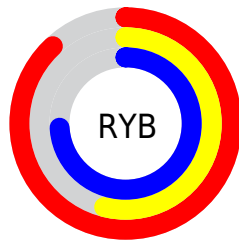
The YIQ color **168.8270, 35.4810, 34.3050** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.1730, -35.4810, -34.3050**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.7650, 20.8560, 29.5280**, and **115.2180, 32.8220, 32.9340** is the 20% darker color. If you saturate the color by 10%, you get **154.8870, 44.4200, 43.0120**, and if you desaturate by 10%, it is **182.7670, 26.5420, 25.5980**.

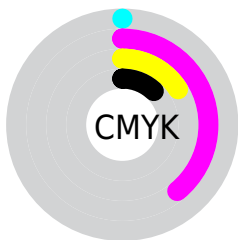
Distribution



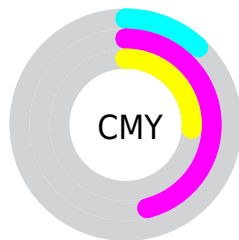
- Red (88%)
- Green (54%)
- Blue (74%)



- Red (88%)
- Yellow (54%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (46%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.8270, 35.4810, 34.3050 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 168.8270, 35.4810, 34.3050 by changing the saturation by 10% instead.

168.8270, 35.4810,
34.3050

168.8270, 35.4810,
34.3050

255.0000, -0.0000,
-0.0000

141.8160, 34.0140,
33.3580

216.7650, 20.8560,
29.5280

115.2180, 32.8220,
32.9340

234.4550, 9.6250,
18.3050

88.9190, 32.2260,
32.7220

251.4780, 1.6500,
3.1380

63.4350, 30.7130,
32.6090

34.8420, 31.1250,
36.1570

22.7990, 23.5160,
25.3720

13.8270, 17.1450,

14.1770

■ 0.0000, 0.0000,
0.0000

■ 168.8270, 35.4810,
34.3050

■ 168.8270, 35.4810,
34.3050

■ 154.8870, 44.4200,
43.0120

■ 182.7670, 26.5420,
25.5980

■ 140.2460, 53.9550,
51.9310

■ 197.4080, 17.0070,
16.6790

■ 126.3060, 62.8940,
60.6380

■ 211.3480, 8.0680,
7.9720

■ 111.7790, 72.1080,
69.8680

■ 225.8750, -1.1460,
-1.2580

■ 97.8390, 81.0470,
78.5750

■ 239.8150,
-10.0850, -9.9650

■ 83.7850, 90.3070,
86.9710

■ 244.4770,
-14.9450, -9.9930

■ 81.9100, 91.4530,
88.2290

■ 245.5030,
-17.8340, -7.1940

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



169.0540, 1.0490, 30.5610



168.8270, 35.4810, 34.3050



166.6210, 56.2520, 26.8120

Triad

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



168.8270, 35.4810, 34.3050



159.9020, 28.6140, -22.9860



131.3440, -119.0650, -28.3210

Complementary

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



168.8270, 35.4810, 34.3050



192.1730, -35.4810, -34.3050

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.



128.5280, -108.3800, -40.2520



168.8270, 35.4810, 34.3050



155.2660, -4.9460, -31.5220

Square

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



168.8270, 35.4810, 34.3050



163.3660, 51.2150, -8.5690



147.1160, -48.5020, -35.1100



145.7750, -91.6970, -6.6810

Rectangle

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



168.8270, 35.4810, 34.3050



165.6350, 61.6640, 16.8320



147.1160, -48.5020, -35.1100



130.6770, -115.8090, -32.2650

Sweetspot

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



168.8270, 35.4810, 34.3050



235.3210, 12.6980, 12.1700



157.3830, -7.0670, 34.4770



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.



168.8270, 35.4810, 34.3050



178.8600, 49.0500, 47.2100



164.0390, 48.9630, 21.2430



105.0870, 4.3090, 4.5090



64.3660, 71.8330, 69.3450



17.5440, 19.6200, 18.8840

Inverse Universe

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



168.8270, 35.4810, 34.3050



178.8600, 49.0500, 47.2100



196.9610, -48.9630, -21.2430



105.0870, 4.3090, 4.5090



64.3660, 71.8330, 69.3450



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 168.8270, 35.4810, 34.3050 looks on a white background.

Color Contrast Check

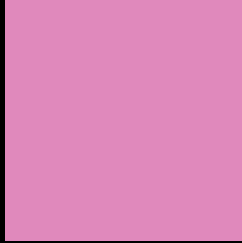
Large Text (above 18pt) WCAG AA × Fail

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 168.8270, 35.4810, 34.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

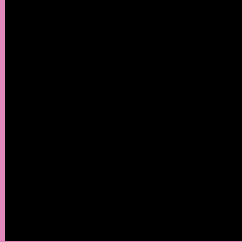
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.8270, 35.4810, 34.3050

Background



This preview shows how black text looks on a background with the YIQ color 168.8270, 35.4810, 34.3050.



This preview shows how white text looks on a background with the YIQ color 168.8270, 35.4810,

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

168.8270, 35.4810, 34.3050

Protanopia

165.5100, -18.5710, 11.6770

Deuteranopia

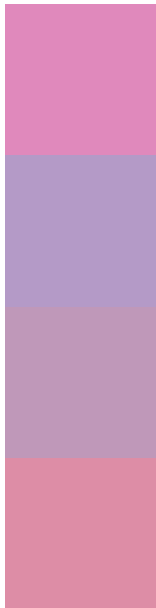
166.9110, -0.8270, 9.4850



Tritanopia

167.2770, 42.3610, 19.7450

Trichromacy



Original Color

168.8270, 35.4810, 34.3050

Protanomaly

166.9040, 1.0510, 19.5070

Deuteranomaly

167.4230, 12.6510, 18.5310

Tritanomaly

167.7700, 39.6550, 24.7350

Monochromacy



Original Color

168.8270, 35.4810, 34.3050

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.7340, 12.9730, 12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.8270, 35.4810, 34.3050 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(224, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 137, 188)  
}
```

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(224, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 137, 188) }
```

Border

The CSS property to change the border of an element to YIQ 168.8270, 35.4810, 34.3050 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(224, 137, 188) }
```


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

```
.border{ border-color:rgb(224, 137, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 137, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 137, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 137,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 168.8270, 35.4810, 34.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 137, 188) }
```

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

```
.background{ background-color: rgb(224,  
137, 188) }
```

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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