

Converting Colors

YIQ(168.3220, 38.4610, 35.3650)

Have a look what the booklet for
YIQ(168.3220, 38.4610, 35.3650)
contains.

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Color

**YIQ(168.3220, 38.4610,
35.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	E387BA
RGB	227, 135, 186
RGB Percent	89%, 53%, 73%
CMY	0.1096, 0.4707, 0.2705
CMYK	0.00, 0.41, 0.18, 0.11
HSL	327°, 62%, 71%
HSV	327°, 41%, 89%
XYZ	49.2233, 37.2049, 51.0574
YIQ	168.3220, 38.4610, 35.3650

Conversions

Conversions Part 2

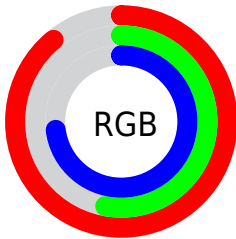
Format	Color
R _Y B	227, 135, 186
Decimal	14911418
CIE Lab	67.43, 41.91, -11.53
CIE LCh	67, 43.471, 344.613
Yxy	37.2049, 0.3580, 0.2706
Android (android.graphics.Color)	4293101498 (0xFFE387BA)
YUV	168.3220, 8.7153, 51.4606
Hunter-Lab	60.9958, 37.3060, -6.9324

Details

The YIQ color **168.3220, 38.4610, 35.3650** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **193.6780, -38.4610, -35.3650**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.3630, 22.0480, 29.9520**, and **114.7130, 35.8020, 33.9940** is the 20% darker color. If you saturate the color by 10%, you get **153.6810, 47.9960, 44.2840**, and if you desaturate by 10%, it is **182.9630, 28.9260, 26.4460**.

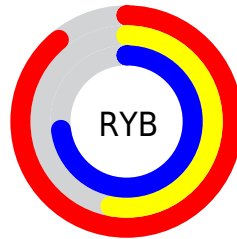
Distribution



Red (89%)

Green (53%)

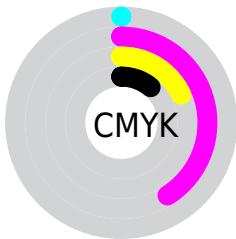
Blue (73%)



Red (89%)

Yellow (53%)

Blue (73%)

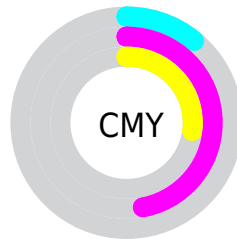


Cyan (0%)

Magenta (41%)

Yellow (18%)

Black (11%)



Cyan (11%)


Magenta (47%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.3220, 38.4610, 35.3650 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 168.3220, 38.4610, 35.3650 by changing the saturation by 10% instead.


 168.3220, 38.4610,
35.3650


 168.3220, 38.4610,
35.3650


255.0000, -0.0000,
-0.0000

 141.3110, 36.9940,
34.4180


 215.3630, 22.0480,
29.9520


 114.7130, 35.8020,
33.9940


 233.2810, 10.1750,
19.3510

 88.2290, 34.2890,
33.8810

 250.3040, 2.2000,
4.1840

 62.0440, 33.3720,
33.9800

 33.4510, 33.7840,
37.5280

 23.1690, 25.3500,
25.1740

 14.1970, 18.9790,

13.9790

■ 0.0000, 0.0000,
0.0000

■ 168.3220, 38.4610,
35.3650

■ 168.3220, 38.4610,
35.3650

■ 153.6810, 47.9960,
44.2840

■ 182.9630, 28.9260,
26.4460

■ 139.6270, 57.2560,
52.6800

■ 197.0170, 19.6660,
18.0500

■ 124.9860, 66.7910,
61.5990

■ 211.6580, 10.1310,
9.1310

■ 110.3450, 76.3260,
70.5180

■ 226.2990, 0.5960,
0.2120

■ 95.5900, 86.1820,
79.1260

■ 240.4670, -8.9850,
-7.8730

■ 82.2370, 94.8460,
87.3100

■ 245.7160,
-14.1200, -8.4240

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



168.7770, 3.3870, 32.2430



168.3220, 38.4610, 35.3650



166.1760, 59.0030, 26.5150

Triad

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



168.3220, 38.4610, 35.3650



159.2500, 27.5140, -25.0780



131.6860, -120.0280, -27.3880

Complementary

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



168.3220, 38.4610, 35.3650



193.6780, -38.4610, -35.3650

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.



129.4570, -109.6180, -39.8420



168.3220, 38.4610, 35.3650



154.3580, -8.2010, -33.1050

Square

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



168.3220, 38.4610, 35.3650



162.6110, 51.9030, -10.0250



144.5390, -54.1870, -36.7070



144.3340, -94.7690, -6.0730

Rectangle

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



168.3220, 38.4610, 35.3650



164.8910, 63.8190, 16.3230



144.5390, -54.1870, -36.7070



131.0190, -116.7720, -31.3320

Sweetspot

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



168.3220, 38.4610, 35.3650



235.2070, 13.0190, 11.8590



157.4480, -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.



168.3220, 38.4610, 35.3650



175.2410, 52.3510, 47.9590



163.1920, 52.9060, 21.3700



107.3860, 4.9050, 4.7210



64.8070, 74.9050, 68.7370



18.4410, 21.4080, 19.5200

Inverse Universe

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



168.3220, 38.4610, 35.3650



175.2410, 52.3510, 47.9590



198.8080, -52.9060, -21.3700



107.3860, 4.9050, 4.7210



64.8070, 74.9050, 68.7370



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 168.3220, 38.4610, 35.3650 looks on a white background.

Color Contrast Check

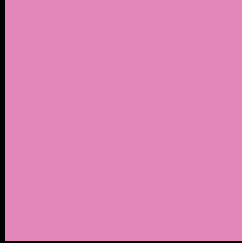
Large Text (above 18pt) WCAG AA × Fail

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 168.3220, 38.4610, 35.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

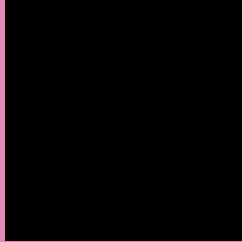
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3220, 38.4610, 35.3650

Background



This preview shows how black text looks on a background with the YIQ color 168.3220, 38.4610, 35.3650.



This preview shows how white text looks on a background with the YIQ color 168.3220, 38.4610,

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

168.3220, 38.4610, 35.3650

Protanopia

165.3960, -18.2500, 11.3660

Deuteranopia

166.3950, 0.6860, 9.5980



Tritanopia

166.7720, 45.3410, 20.8050

Trichromacy



Original Color

168.3220, 38.4610, 35.3650

Protanomaly

166.5020, 2.2430, 19.9310

Deuteranomaly

167.2060, 14.7600, 18.8560

Tritanomaly

167.2650, 42.6350, 25.7950

Monochromacy



Original Color

168.3220, 38.4610, 35.3650

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0330, 13.5690, 12.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3220, 38.4610, 35.3650 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(227, 135, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 135, 186)  
}
```

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(227, 135, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 135, 186) }
```

Border

The CSS property to change the border of an element to YIQ 168.3220, 38.4610, 35.3650 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(227, 135, 186) }
```


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

```
.border{ border-color:rgb(227, 135, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 135, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 135, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 135, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 135,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3220, 38.4610, 35.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 135, 186) }
```

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

```
.background{ background-color: rgb(227,  
135, 186) }
```

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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