

Converting Colors

YIQ(168.7910, 44.3300, 33.6260)

Have a look what the booklet for
YIQ(168.7910, 44.3300, 33.6260)
contains.

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Color

**YIQ(168.7910, 44.3300,
33.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	E887B1
RGB	232, 135, 177
RGB Percent	91%, 53%, 69%
CMY	0.0899, 0.4707, 0.3057
CMYK	0.00, 0.42, 0.24, 0.09
HSL	334°, 68%, 72%
HSV	334°, 42%, 91%
XYZ	49.8977, 37.6592, 46.2531
YIQ	168.7910, 44.3300, 33.6260

Conversions

Conversions Part 2

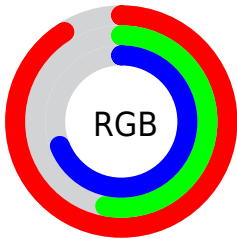
Format	Color
R_{YB}	232, 135, 177
Decimal	15239089
CIE _{Lab}	67.77, 42.28, -5.92
CIE _{LCh}	68, 42.692, 352.034
Yxy	37.6592, 0.3729, 0.2814
Android (android.graphics.Color)	4293429169 (0xFFE887B1)
YUV	168.7910, 4.0470, 55.4343
Hunter-Lab	61.3671, 37.7466, -1.7307

Details

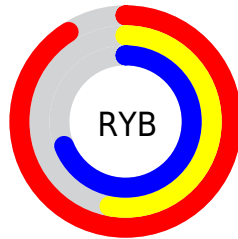
The YIQ color **168.7910, 44.3300, 33.6260** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **198.2090, -44.3300, -33.6260**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3370, 24.9370, 27.1530**, and **114.8830, 41.0750, 32.0430** is the 20% darker color. If you saturate the color by 10%, you get **153.8080, 54.8280, 41.6120**, and if you desaturate by 10%, it is **183.7740, 33.8320, 25.6400**.

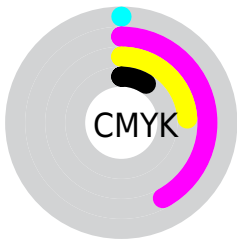
Distribution



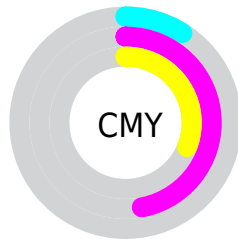
- Red (91%)
- Green (53%)
- Blue (69%)



- Red (91%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (9%)



- Cyan (9%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.7910, 44.3300, 33.6260 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 168.7910, 44.3300, 33.6260 by changing the saturation by 10% instead.

■ 168.7910, 44.3300,
33.6260

■ 168.7910, 44.3300,
33.6260

255.0000, -0.0000,
-0.0000

■ 141.1930, 43.1380,
33.2020

■ 214.3370, 24.9370,
27.1530

■ 114.4100, 41.0290,
32.8770

■ 233.2810, 10.1750,
19.3510

■ 88.5130, 39.2410,
32.2410

■ 250.3040, 2.2000,
4.1840

■ 61.8550, 38.2780,
33.1740

■ 33.5500, 37.8190,
35.9870

■ 23.3820, 29.0640,
23.9440

■ 13.9540, 23.9770,

11.5050

■ 0.0000, 0.0000,
0.0000

■ 168.7910, 44.3300,
33.6260

■ 168.7910, 44.3300,
33.6260

■ 153.8080, 54.8280,
41.6120

■ 183.7740, 33.8320,
25.6400

■ 138.8250, 65.3260,
49.5980

■ 198.7570, 23.3340,
17.6540

■ 123.2550, 76.0990,
58.1070

■ 214.3270, 12.5610,
9.1450

■ 108.1580, 86.9180,
65.7820

■ 229.4240, 1.7420,
1.4700

■ 93.1750, 97.4160,
73.7680

■ 244.4070, -8.7560,
-6.5160

■ 80.8820, 105.8510,
80.5950

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



170.0940, 12.7400, 33.4440



168.7910, 44.3300, 33.6260



167.0250, 60.7460, 22.4580

Triad

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



168.7910, 44.3300, 33.6260



159.5910, 19.1240, -27.2120



131.8970, -122.0000, -24.6880

Complementary

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



168.7910, 44.3300, 33.6260



198.2090, -44.3300, -33.6260

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.



130.5970, -112.8280, -36.7320



168.7910, 44.3300, 33.6260



153.5680, -17.6000, -33.4720

Square

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



168.7910, 44.3300, 33.6260



162.5670, 46.0350, -13.8130



142.7810, -66.6120, -37.3000



152.6570, -76.3850, 2.1670

Rectangle

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



168.7910, 44.3300, 33.6260



165.8320, 62.3070, 10.6830



142.7810, -66.6120, -37.3000



132.0450, -119.6610, -28.5330

Sweetspot

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



168.7910, 44.3300, 33.6260



233.4630, 15.1740, 11.3500



162.5030, 1.6430, 41.8270



114.3050, 9.6270, 7.2510



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.



168.7910, 44.3300, 33.6260



172.2430, 58.0370, 44.0290



167.5250, 56.1620, 17.4260



109.8590, 4.9510, 3.8870



63.0110, 82.8380, 62.6300



18.7680, 24.8010, 18.6010

Inverse Universe

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



168.7910, 44.3300, 33.6260



172.2430, 58.0370, 44.0290



199.4750, -56.1620, -17.4260



109.8590, 4.9510, 3.8870



63.0110, 82.8380, 62.6300



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 168.7910, 44.3300, 33.6260 looks on a white background.

Color Contrast Check

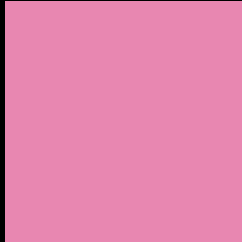
Large Text (above 18pt) WCAG AA × Fail

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 168.7910, 44.3300, 33.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

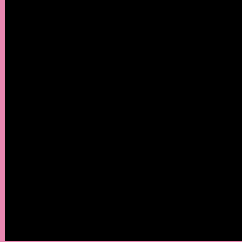
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.7910, 44.3300, 33.6260

Background



This preview shows how black text looks on a background with the YIQ color 168.7910, 44.3300, 33.6260.



This preview shows how white text looks on a background with the YIQ color 168.7910, 44.3300,

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

168.7910, 44.3300, 33.6260

Protanopia

166.1530, -13.2520, 8.8920

Deuteranopia

167.4510, 6.2800, 7.3360



Tritanopia

167.7510, 49.8340, 21.9780

Trichromacy



Original Color

168.7910, 44.3300, 33.6260

Protanomaly

166.9710, 8.1120, 18.1920

Deuteranomaly

168.2620, 20.3540, 16.5940

Tritanomaly

168.0160, 47.7700, 26.3460

Monochromacy



Original Color

168.7910, 44.3300, 33.6260

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.1750, 16.0450, 12.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7910, 44.3300, 33.6260 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(232, 135, 177)` looks like.

```
.text, #text, p{  
    color:rgb(232, 135, 177)  
}
```

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(232, 135, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 135, 177) }
```

Border

The CSS property to change the border of an element to YIQ 168.7910, 44.3300, 33.6260 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(232, 135, 177) }
```


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

```
.border{ border-color:rgb(232, 135, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 135, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 135, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 135, 177);  
box-shadow:4px 4px 4px 4px rgb(232, 135,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7910, 44.3300, 33.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 135, 177) }
```

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

```
.background{ background-color: rgb(232,  
135, 177) }
```

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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