

Converting Colors

YIQ(168.4760, 40.6630, 28.4950)

Have a look what the booklet for
YIQ(168.4760, 40.6630, 28.4950)
contains.

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Color

**YIQ(168.4760, 40.6630,
28.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	E18BAC
RGB	225, 139, 172
RGB Percent	88%, 55%, 67%
CMY	0.1174, 0.4550, 0.3254
CMYK	0.00, 0.38, 0.24, 0.12
HSL	337°, 59%, 71%
HSV	337°, 38%, 88%
XYZ	47.7464, 37.4515, 43.7595
YIQ	168.4760, 40.6630, 28.4950

Conversions

Conversions Part 2

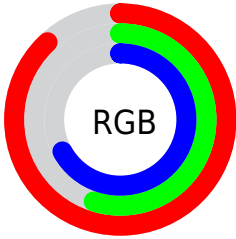
Format	Color
R _Y B	225, 139, 172
Decimal	14781356
CIE Lab	67.61, 37.06, -3.43
CIE LCh	68, 37.221, 354.711
Yxy	37.4515, 0.3702, 0.2904
Android (android.graphics.Color)	4292971436 (0xFFE18BAC)
YUV	168.4760, 1.7373, 49.5715
Hunter-Lab	61.1976, 32.1699, 0.4428

Details

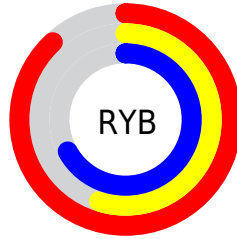
The YIQ color **168.4760, 40.6630, 28.4950** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **195.5240, -40.6630, -28.4950**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.0010, 25.7630, 23.1950**, and **114.9810, 37.6830, 27.4350** is the 20% darker color. If you saturate the color by 10%, you get **153.3790, 51.4820, 36.1700**, and if you desaturate by 10%, it is **182.9860, 30.1190, 21.3430**.

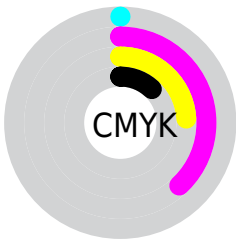
Distribution



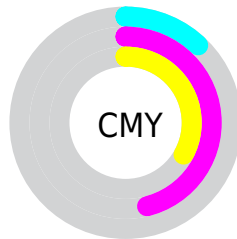
- Red (88%)
- Green (55%)
- Blue (67%)



- Red (88%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.4760, 40.6630, 28.4950 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 168.4760, 40.6630, 28.4950 by changing the saturation by 10% instead.


 168.4760, 40.6630,
28.4950

 168.4760, 40.6630,
28.4950


255.0000, -0.0000,
-0.0000


 141.5790, 38.8750,
27.8590


 216.0010, 25.7630,
23.1950


 114.9810, 37.6830,
27.4350


 235.6290, 9.0750,
17.2590

 89.0840, 35.8950,
26.7990

 252.6520, 1.1000,
2.0920

 63.7140, 34.0610,
26.9970

 36.2950, 33.9230,
29.4990

 21.4310, 27.3680,
21.6400

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 168.4760, 40.6630,
28.4950

■ 168.4760, 40.6630,
28.4950

■ 153.3790, 51.4820,
36.1700

■ 182.9860, 30.1190,
21.3430

■ 138.8690, 62.0260,
43.3220

■ 198.0830, 19.3000,
13.6680

■ 123.7720, 72.8450,
50.9970

■ 212.5930, 8.7560,
6.5160

■ 109.3760, 83.0680,
58.4600

■ 227.5760, -1.7420,
-1.4700

■ 94.2790, 93.8870,
66.1350

■ 242.0860,
-12.2860, -8.6220

■ 79.7690, 104.4310,
73.2870

■ 246.0300,
-17.8800, -6.3600

■ 77.0790, 106.4940,
74.4460

Harmonies

Analogous

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



169.0570, 14.1620, 29.6980



168.4760, 40.6630, 28.4950



166.6820, 54.2820, 18.4580

Triad

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



168.4760, 40.6630, 28.4950



159.3610, 14.0800, -23.9040



141.7110, -94.8130, -16.2930

Complementary

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



168.4760, 40.6630, 28.4950



195.5240, -40.6630, -28.4950

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.



134.1040, -100.9540, -31.6580



168.4760, 40.6630, 28.4950



154.9040, -18.4260, -29.5140

Square

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



168.4760, 40.6630, 28.4950



162.9730, 39.0200, -13.3320



146.8580, -56.3430, -30.6710



157.5190, -58.3210, 5.1910

Rectangle

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



168.4760, 40.6630, 28.4950



165.3580, 54.8340, 8.4500



146.8580, -56.3430, -30.6710



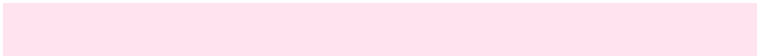
135.3950, -105.9070, -24.4910

Sweetspot

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



168.4760, 40.6630, 28.4950



236.6260, 13.1570, 9.3570



164.3520, 3.3860, 37.7700



116.7670, 8.2060, 5.4700



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.



168.4760, 40.6630, 28.4950



178.1130, 55.2870, 38.7990



169.9970, 48.7810, 13.5250



104.7450, 5.2720, 3.5760



60.3760, 83.0680, 58.4600



16.5180, 22.5090, 16.0850

Inverse Universe

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



168.4760, 40.6630, 28.4950



178.1130, 55.2870, 38.7990



194.0030, -48.7810, -13.5250



104.7450, 5.2720, 3.5760



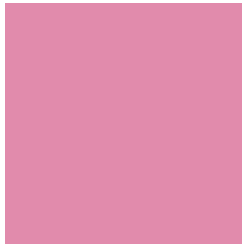
60.3760, 83.0680, 58.4600



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 168.4760, 40.6630, 28.4950 looks on a white background.

Color Contrast Check

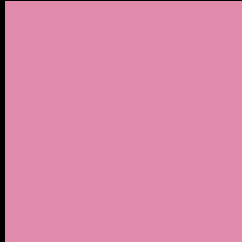
Large Text (above 18pt) WCAG AA × Fail

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 168.4760, 40.6630, 28.4950 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 168.4760, 40.6630, 28.4950

Background



This preview shows how black text looks on a background with the YIQ color 168.4760, 40.6630, 28.4950.



This preview shows how white text looks on a background with the YIQ color 168.4760, 40.6630,

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

168.4760, 40.6630, 28.4950

Protanopia

165.7250, -9.1710, 6.5170

Deuteranopia

166.8920, 9.3520, 6.7280



Tritanopia

167.4730, 44.7450, 20.5930

Trichromacy



Original Color

168.4760, 40.6630, 28.4950

Protanomaly

166.7490, 8.6170, 14.5450

Deuteranomaly

167.0940, 20.7670, 14.6150

Tritanomaly

167.9830, 43.3690, 23.5050

Monochromacy



Original Color

168.4760, 40.6630, 28.4950

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9360, 15.2200, 10.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4760, 40.6630, 28.4950 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(225, 139, 172)` looks like.

```
.text, #text, p{  
    color:rgb(225, 139, 172)  
}
```

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(225, 139, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 139, 172) }
```

Border

The CSS property to change the border of an element to YIQ 168.4760, 40.6630, 28.4950 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(225, 139, 172) }
```


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

```
.border{ border-color:rgb(225, 139, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 139, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 139, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 139, 172);  
box-shadow:4px 4px 4px 4px rgb(225, 139,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 168.4760, 40.6630, 28.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 139, 172) }
```

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

```
.background{ background-color: rgb(225,  
139, 172) }
```

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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