

Converting Colors

YIQ(166.8480, 40.1560, 43.1960)

Have a look what the booklet for
YIQ(166.8480, 40.1560, 43.1960)
contains.

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Color

**YIQ(166.8480, 40.1560,
43.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	E880C4
RGB	232, 128, 196
RGB Percent	91%, 50%, 77%
CMY	0.0899, 0.4982, 0.2313
CMYK	0.00, 0.45, 0.16, 0.09
HSL	321°, 69%, 71%
HSV	321°, 45%, 91%
XYZ	50.9831, 36.5819, 56.6147
YIQ	166.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

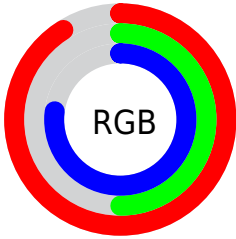
Format	Color
R _Y B	232, 128, 196
Decimal	15237316
CIE _{Lab}	66.96, 48.66, -17.79
CIE _{LCh}	67, 51.809, 339.921
Y _{xy}	36.5819, 0.3536, 0.2537
Android (android.graphics.Color)	4293427396 (0xFFE880C4)
YUV	166.8480, 14.3719, 57.1383
Hunter-Lab	60.4830, 44.6183, -13.1599

Details

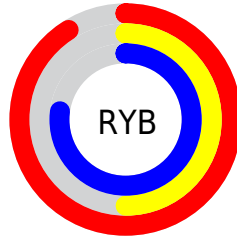
The YIQ color **166.8480, 40.1560, 43.1960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **193.1520, -40.1560, -43.1960**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.5080, 20.4420, 37.0340**, and **112.2390, 37.4970, 41.8250** is the 20% darker color. If you saturate the color by 10%, you get **152.4350, 49.0490, 52.7370**, and if you desaturate by 10%, it is **181.2610, 31.2630, 33.6550**.

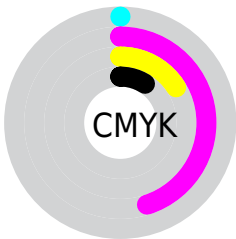
Distribution



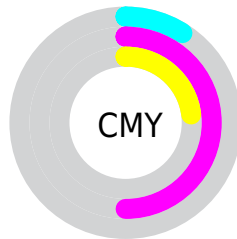
- Red (91%)
- Green (50%)
- Blue (77%)



- Red (91%)
- Yellow (50%)
- Blue (77%)



- Cyan (0%)
- Magenta (45%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.8480, 40.1560, 43.1960 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 166.8480, 40.1560, 43.1960 by changing the saturation by 10% instead.


 166.8480, 40.1560,
43.1960


 166.8480, 40.1560,
43.1960


255.0000, -0.0000,
-0.0000


 139.2500, 38.9640,
42.7720


 212.5080, 20.4420,
37.0340


 112.2390, 37.4970,
41.8250


 229.1720, 12.1000,
23.0120

 85.1680, 36.2590,
42.2350

 246.1950, 4.1250,
7.8450

 56.0480, 36.7170,
44.9490

 35.2600, 33.0040,
40.6520

 24.9780, 24.5700,
28.2980

 15.7070, 17.6030,

16.8910

■ 0.0000, 0.0000,
0.0000

■ 166.8480, 40.1560,
43.1960

■ 166.8480, 40.1560,
43.1960

■ 152.4350, 49.0490,
52.7370

■ 181.2610, 31.2630,
33.6550

■ 138.0220, 57.9420,
62.2780

■ 195.6740, 22.3700,
24.1140

■ 123.0220, 67.1100,
72.3420

■ 210.6740, 13.2020,
14.0500

■ 108.6090, 76.0030,
81.8830

■ 225.0870, 4.3090,
4.5090

■ 94.1960, 84.8960,
91.4240

■ 239.5000, -4.5840,
-5.0320

■ 86.6960, 89.4800,
96.4560

■ 246.8690,
-10.1770, -8.2970

■ 247.7810,
-12.7450, -5.8090

■ 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.



167.2310, -3.5830, 37.4170



166.8480, 40.1560, 43.1960



163.9370, 67.3460, 35.0100

Triad

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



166.8480, 40.1560, 43.1960



156.8180, 37.4180, -28.3580



133.3160, -121.8620, -27.1900

Complementary

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



166.8480, 40.1560, 43.1960



193.1520, -40.1560, -43.1960

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.



129.4740, -108.2880, -41.9200



166.8480, 40.1560, 43.1960



151.3060, -2.4230, -38.7030

Square

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



166.8480, 40.1560, 43.1960



160.4830, 64.0070, -9.1210



137.3650, -62.8050, -45.7250



132.3990, -128.9250, -14.8210

Rectangle

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



166.8480, 40.1560, 43.1960



162.8540, 74.4090, 22.6410



137.3650, -62.8050, -45.7250



132.8940, -117.9180, -32.5900

Sweetspot

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



166.8480, 40.1560, 43.1960



234.3750, 12.6060, 13.8380



150.3210, -12.5240, 39.7640



114.7610, 8.3430, 8.4950



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.



166.8480, 40.1560, 43.1960



168.5220, 53.3580, 57.2460



161.0340, 56.5270, 27.3350



110.0870, 4.3090, 4.5090



67.5710, 69.9980, 75.0700



20.1360, 20.9490, 22.3330

Inverse Universe

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



166.8480, 40.1560, 43.1960



168.5220, 53.3580, 57.2460



198.9660, -56.5270, -27.3350



110.0870, 4.3090, 4.5090



67.5710, 69.9980, 75.0700



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 166.8480, 40.1560, 43.1960 looks on a white background.

Color Contrast Check

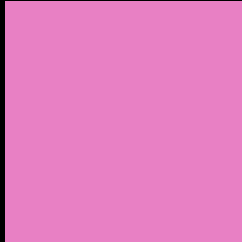
Large Text (above 18pt) WCAG AA × Fail

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 166.8480, 40.1560, 43.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

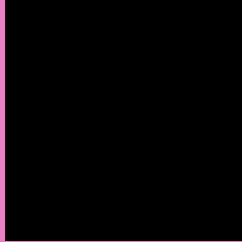
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.8480, 40.1560, 43.1960

Background



This preview shows how black text looks on a background with the YIQ color 166.8480, 40.1560, 43.1960.



This preview shows how white text looks on a background with the YIQ color 166.8480, 40.1560,

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

166.8480, 40.1560, 43.1960

Protanopia

163.5400, -27.2830, 15.3810

Deuteranopia

164.7410, -6.1000, 11.4360



Tritanopia

165.7510, 49.8340, 21.9780

Trichromacy



Original Color

166.8480, 40.1560, 43.1960



Protanomaly

164.7390, -2.6180, 25.4300



Deuteranomaly

165.6880, 10.5870, 22.8990



Tritanomaly

165.9390, 46.6690, 29.7810

Monochromacy



Original Color

166.8480, 40.1560, 43.1960



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

167.2120, 14.6230, 15.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.8480, 40.1560, 43.1960 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, 128, 196)` looks like.

```
.text, #text, p{  
    color:rgb(232, 128, 196)  
}
```

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, 128, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 128, 196) }
```

Border

The CSS property to change the border of an element to YIQ 166.8480, 40.1560, 43.1960 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, 128, 196) }
```


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

```
.border{ border-color:rgb(232, 128, 196) }
```

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

Here you see how a box with a 4 pixel rgb(232, 128, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 128, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 128, 196);  
box-shadow:4px 4px 4px 4px rgb(232, 128,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 166.8480, 40.1560, 43.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 128, 196) }
```

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

```
.background{ background-color: rgb(232,  
128, 196) }
```

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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