

Converting Colors

YIQ(175.1480, 39.0110, 36.4110)

Have a look what the booklet for
YIQ(175.1480, 39.0110, 36.4110)
contains.

YIQ(175.1480, 39.0110, 36.4110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(175.1480, 39.0110,
36.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8DC2
RGB	235, 141, 194
RGB Percent	92%, 55%, 76%
CMY	0.0782, 0.4472, 0.2391
CMYK	0.00, 0.40, 0.17, 0.08
HSL	326°, 70%, 74%
HSV	326°, 40%, 92%
XYZ	53.5425, 40.6078, 56.0721
YIQ	175.1480, 39.0110, 36.4110

Conversions

Conversions Part 2

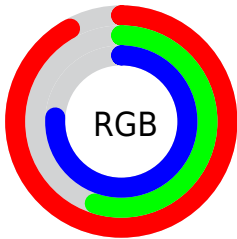
Format	Color
RYB	235, 141, 194
Decimal	15437250
CIELab	69.90, 42.68, -12.21
CIELCh	70, 44.394, 344.042
Yxy	40.6078, 0.3564, 0.2703
Android (android.graphics.Color)	4293627330 (0xFFEB8DC2)
YUV	175.1480, 9.2940, 52.4902
Hunter-Lab	63.7242, 38.4621, -7.5634

Details

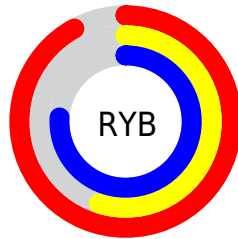
The YIQ color $175.1480, 39.0110, 36.4110$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $200.8520, -39.0110, -36.4110$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.9110, 17.5090, 29.6130$, and $120.5390, 36.3520, 35.0400$ is the 20% darker color. If you saturate the color by 10%, you get $159.9200, 48.8210, 45.8530$, and if you desaturate by 10%, it is $189.7890, 29.4760, 27.4920$.

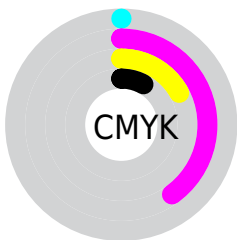
Distribution



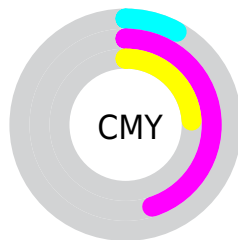
- Red (92%)
- Green (55%)
- Blue (76%)



- Red (92%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (8%)




- Cyan (8%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.1480, 39.0110, 36.4110 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 175.1480, 39.0110, 36.4110 by changing the saturation by 10% instead.

 175.1480, 39.0110,
36.4110

 175.1480, 39.0110,
36.4110


255.0000, -0.0000,
-0.0000

 147.5500, 37.8190,
35.9870


 219.9110, 17.5090,
29.6130


 120.8380, 36.9480,
35.2520


 237.3900, 8.2500,
15.6900

 94.9410, 35.1600,
34.6160

254.4130, 0.2750,
0.5230

 67.8700, 33.9220,
35.0260

 38.6900, 34.6090,
39.0970

 26.0600, 27.2750,
28.8350

 17.2020, 20.5830,

17.9510

■ 0.0000, 0.0000,
0.0000

■ 175.1480, 39.0110,
36.4110

■ 175.1480, 39.0110,
36.4110

■ 159.9200, 48.8210,
45.8530

■ 189.7890, 29.4760,
27.4920

■ 145.2790, 58.3560,
54.7720

■ 205.1310, 19.3450,
18.3610

■ 129.9370, 68.4870,
63.9030

■ 219.7720, 9.8100,
9.4420

■ 115.2960, 78.0220,
72.8220

■ 235.0000, 0.0000,
-0.0000

■ 100.0680, 87.8320,
82.2640

■ 247.8800, -8.7100,
-7.3500

■ 85.4270, 97.3670,
91.1830

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



175.4180, 3.0200, 33.3880



175.1480, 39.0110, 36.4110



172.6000, 60.7450, 27.9850

Triad

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



175.1480, 39.0110, 36.4110



166.0220, 28.1560, -25.7000



136.7070, -124.5210, -28.5610

Complementary

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



175.1480, 39.0110, 36.4110



200.8520, -39.0110, -36.4110

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.



134.2500, -113.4690, -41.6370



175.1480, 39.0110, 36.4110



161.0160, -7.2380, -34.0380

Square

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



175.1480, 39.0110, 36.4110



169.0950, 53.4160, -9.9120



151.0120, -54.1410, -37.5410



150.3660, -97.7950, -6.2990

Rectangle

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



175.1480, 39.0110, 36.4110



171.7880, 65.6070, 16.9590



151.0120, -54.1410, -37.5410



136.0400, -121.2650, -32.5050

Sweetspot

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



175.1480, 39.0110, 36.4110



235.3210, 12.6980, 12.1700



163.9750, -5.7380, 37.9260



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.



175.1480, 39.0110, 36.4110



177.3440, 50.5630, 47.3230



169.7900, 54.0980, 21.7940



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Inverse Universe

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



175.1480, 39.0110, 36.4110



177.3440, 50.5630, 47.3230



206.2100, -54.0980, -21.7940



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 175.1480, 39.0110, 36.4110 looks on a white background.

Color Contrast Check

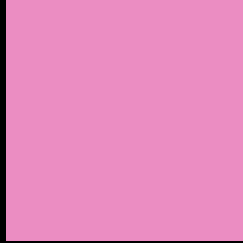
Large Text (above 18pt) WCAG AA × Fail

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 175.1480, 39.0110, 36.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

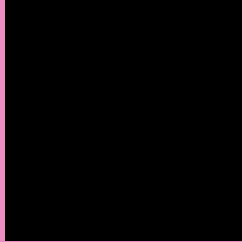
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.1480, 39.0110, 36.4110

Background



This preview shows how black text looks on a background with the YIQ color 175.1480, 39.0110, 36.4110.



This preview shows how white text looks on a background with the YIQ color 175.1480, 39.0110,

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

175.1480, 39.0110, 36.4110

Protanopia

172.2110, -19.1670, 11.4650

Deuteranopia

173.2100, -0.2310, 9.6970



Tritanopia

174.0710, 45.9370, 21.0170

Trichromacy



Original Color

175.1480, 39.0110, 36.4110



Protanomaly

173.0290, 2.1970, 20.7650



Deuteranomaly

174.0210, 13.8430, 18.9550



Tritanomaly

174.0910, 43.1850, 26.8410

Monochromacy



Original Color

175.1480, 39.0110, 36.4110



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.3320, 14.1650, 13.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1480, 39.0110, 36.4110 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(235, 141, 194)` looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 194)  
}
```

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(235, 141, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 194) }
```

Border

The CSS property to change the border of an element to YIQ 175.1480, 39.0110, 36.4110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

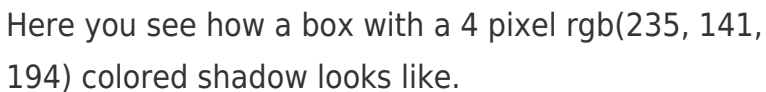
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 141, 194) }
```


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

```
.border{ border-color:rgb(235, 141, 194) }
```

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



Here you see how a box with a 4 pixel rgb(235, 141, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 141, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 141, 194); box-shadow:4px 4px 4px 4px rgb(235, 141, 194) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1480, 39.0110, 36.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 194) }
```

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

```
.background{ background-color: rgb(235,  
141, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor