

Converting Colors

YIQ(172.3450, 39.6540, 30.2620)

Have a look what the booklet for
YIQ(172.3450, 39.6540, 30.2620)
contains.

YIQ(172.3450, 39.6540, 30.2620)	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(172.3450, 39.6540,
30.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	E58EB4
RGB	229, 142, 180
RGB Percent	90%, 56%, 71%
CMY	0.1017, 0.4433, 0.2940
CMYK	0.00, 0.38, 0.21, 0.10
HSL	334°, 63%, 73%
HSV	334°, 38%, 90%
XYZ	50.2410, 39.2995, 48.1350
YIQ	172.3450, 39.6540, 30.2620

Conversions

Conversions Part 2

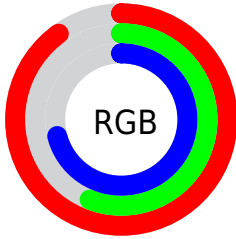
Format	Color
R _Y B	229, 142, 180
Decimal	15044276
CIE Lab	68.97, 38.03, -5.86
CIE LCh	69, 38.484, 351.239
Yxy	39.2995, 0.3649, 0.2854
Android (android.graphics.Color)	4293234356 (0xFFE58EB4)
YUV	172.3450, 3.7739, 49.6864
Hunter-Lab	62.6893, 33.3488, -1.6424

Details

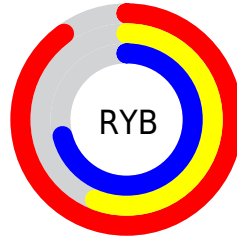
The YIQ color **172.3450, 39.6540, 30.2620** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **198.6550, -39.6540, -30.2620**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.7880, 22.0490, 24.4250**, and **118.7360, 36.9950, 28.8910** is the 20% darker color. If you saturate the color by 10%, you get **157.3620, 50.1520, 38.2480**, and if you desaturate by 10%, it is **187.3280, 29.1560, 22.2760**.

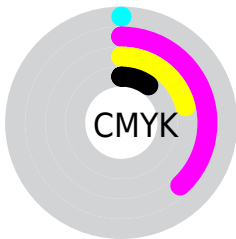
Distribution



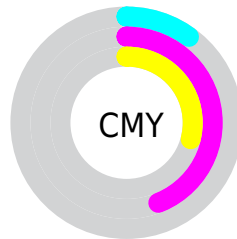
- Red (90%)
- Green (56%)
- Blue (71%)



- Red (90%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (10%)




- Cyan (10%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.3450, 39.6540, 30.2620 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 172.3450, 39.6540, 30.2620 by changing the saturation by 10% instead.

 172.3450, 39.6540,
30.2620

 172.3450, 39.6540,
30.2620


255.0000, -0.0000,
-0.0000

 145.3340, 38.1870,
29.3150


 218.7880, 22.0490,
24.4250


 118.7360, 36.9950,
28.8910


 237.3900, 8.2500,
15.6900

 92.8390, 35.2070,
28.2550

254.4130, 0.2750,
0.5230

 66.7680, 33.9690,
28.6650

 40.0500, 33.2350,
30.9550

 23.3110, 27.8260,
24.3540

 14.4100, 22.6930,

12.7490

■ 0.0000, 0.0000,
0.0000

■ 172.3450, 39.6540,
30.2620

■ 172.3450, 39.6540,
30.2620

■ 157.3620, 50.1520,
38.2480

■ 187.3280, 29.1560,
22.2760

■ 142.3790, 60.6500,
46.2340

■ 202.3110, 18.6580,
14.2900

■ 127.3960, 71.1480,
54.2200

■ 217.2940, 8.1600,
6.3040

■ 112.4130, 81.6460,
62.2060

■ 232.2770, -2.3380,
-1.6820

■ 97.5440, 91.8230,
70.5030

■ 246.0860,
-12.2860, -8.6220

■ 83.1480, 102.0460,
77.9660

■ 247.2260,
-15.4960, -5.5120

■ 79.8710, 104.3840,
79.6480

Harmonies

Analogous

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



172.6160, 11.0900, 30.3060



172.3450, 39.6540, 30.2620



170.4480, 55.0610, 20.8610

Triad

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



172.3450, 39.6540, 30.2620



163.4000, 18.3440, -24.0880



140.2040, -106.6870, -21.3670

Complementary

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



172.3450, 39.6540, 30.2620



198.6550, -39.6540, -30.2620

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.



135.5440, -105.3090, -35.3330



172.3450, 39.6540, 30.2620



158.5300, -14.4370, -30.2210

Square

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



172.3450, 39.6540, 30.2620



166.7670, 42.5960, -12.0600



150.7010, -54.4630, -31.7030



159.0450, -65.7940, 2.9580

Rectangle

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



172.3450, 39.6540, 30.2620



169.4940, 57.4470, 10.6550



150.7010, -54.4630, -31.7030



132.8770, -119.2480, -30.5120

Sweetspot

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



172.3450, 39.6540, 30.2620



236.7400, 12.8360, 9.6680



166.2700, 0.6810, 37.2330



116.8810, 7.8850, 5.7810



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.



172.3450, 39.6540, 30.2620



178.7970, 53.3610, 40.6650



170.3610, 50.7520, 16.3520



107.1580, 5.5470, 4.0990



62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Inverse Universe

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



172.3450, 39.6540, 30.2620



178.7970, 53.3610, 40.6650



200.6390, -50.7520, -16.3520



107.1580, 5.5470, 4.0990



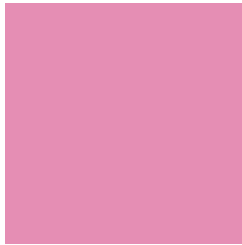
62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 172.3450, 39.6540, 30.2620 looks on a white background.

Color Contrast Check

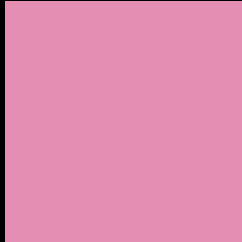
Large Text (above 18pt) WCAG AA × Fail

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 172.3450, 39.6540, 30.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

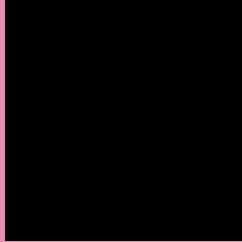
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3450, 39.6540, 30.2620

Background



This preview shows how black text looks on a background with the YIQ color 172.3450, 39.6540, 30.2620.



This preview shows how white text looks on a background with the YIQ color 172.3450, 39.6540,

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

172.3450, 39.6540, 30.2620

Protanopia

169.1100, -11.6930, 8.1710

Deuteranopia

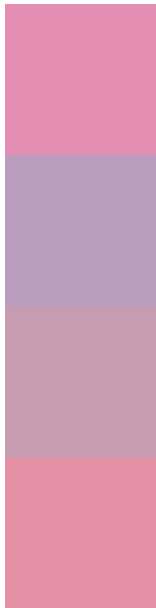
170.7500, 6.8760, 7.5480



Tritanopia

171.4730, 44.7450, 20.5930

Trichromacy



Original Color

172.3450, 39.6540, 30.2620

Protanomaly

170.3190, 7.0120, 16.1000

Deuteranomaly

171.2510, 18.8870, 15.6470

Tritanomaly

172.0970, 43.0480, 23.8160

Monochromacy



Original Color

172.3450, 39.6540, 30.2620

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1640, 14.5780, 11.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3450, 39.6540, 30.2620 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(229, 142, 180)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 180)  
}
```

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(229, 142, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 180) }
```

Border

The CSS property to change the border of an element to YIQ 172.3450, 39.6540, 30.2620 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(229, 142, 180) }
```


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

```
.border{ border-color:rgb(229, 142, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 142, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 180);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3450, 39.6540, 30.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 180) }
```

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

```
.background{ background-color: rgb(229,  
142, 180) }
```

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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