

Converting Colors

YIQ(172.3460, 47.0810, 33.3290)

Have a look what the booklet for
YIQ(172.3460, 47.0810, 33.3290)
contains.

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Color

**YIQ(172.3460, 47.0810,
33.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8AB1
RGB	238, 138, 177
RGB Percent	93%, 54%, 69%
CMY	0.0664, 0.4590, 0.3057
CMYK	0.00, 0.42, 0.26, 0.07
HSL	337°, 75%, 74%
HSV	337°, 42%, 93%
XYZ	52.3046, 39.5296, 46.4891
YIQ	172.3460, 47.0810, 33.3290

Conversions

Conversions Part 2

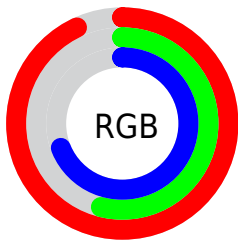
Format	Color
R_{YB}	238, 138, 177
Decimal	15633073
CIE _{Lab}	69.13, 42.78, -3.82
CIE _{LCh}	69, 42.953, 354.898
Yxy	39.5296, 0.3781, 0.2858
Android (android.graphics.Color)	4293823153 (0xFFEE8AB1)
YUV	172.3460, 2.2944, 57.5786
Hunter-Lab	62.8725, 38.4699, 0.1707

Details

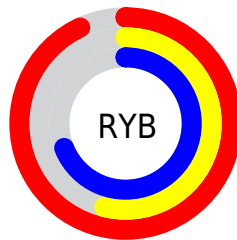
The YIQ color **172.3460, 47.0810, 33.3290** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.6540, -47.0810, -33.3290**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.0980, 24.1120, 25.5840**, and **117.9650, 43.7800, 32.5800** is the 20% darker color. If you saturate the color by 10%, you get **156.6620, 58.1750, 41.5270**, and if you desaturate by 10%, it is **188.1440, 35.6660, 25.4420**.

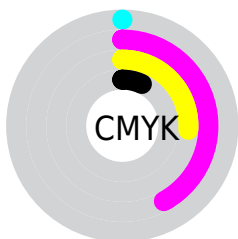
Distribution



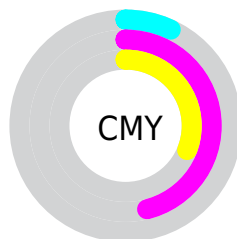
- Red (93%)
- Green (54%)
- Blue (69%)



- Red (93%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (7%)




- Cyan (7%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.3460, 47.0810, 33.3290 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 172.3460, 47.0810, 33.3290 by changing the saturation by 10% instead.


 172.3460, 47.0810,
33.3290

 172.3460, 47.0810,
33.3290


255.0000, -0.0000,
-0.0000


 144.7480, 45.8890,
32.9050


 216.0980, 24.1120,
25.5840


 117.9650, 43.7800,
32.5800


 235.6290, 9.0750,
17.2590

 91.4810, 42.2670,
32.4670

 252.6520, 1.1000,
2.0920

 65.1110, 40.4330,
32.6650

 35.0450, 40.7990,
37.0470

 24.8770, 32.0440,
25.0040

 15.4490, 26.9570,

12.5650

■ 0.0000, 0.0000,
0.0000

■ 172.3460, 47.0810,
33.3290

■ 172.3460, 47.0810,
33.3290

■ 156.6620, 58.1750,
41.5270

■ 188.1440, 35.6660,
25.4420

■ 140.8640, 69.5900,
49.4140

■ 203.8280, 24.5720,
17.2440

■ 125.7670, 80.4090,
57.0890

■ 219.0390, 13.4320,
9.8800

■ 109.9690, 91.8240,
64.9760

■ 234.7230, 2.3380,
1.6820

■ 94.1710, 103.2390,
72.8630

■ 249.3470, -8.5270,
-5.1590

■ 81.7640, 111.9950,
79.3790

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



173.7740, 16.6370, 34.4050



172.3460, 47.0810, 33.3290



170.5690, 62.0300, 21.2140

Triad

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



172.3460, 47.0810, 33.3290



162.0960, 16.1440, -28.2720



134.3420, -124.7510, -24.3910

Complementary

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



172.3460, 47.0810, 33.3290



203.6540, -47.0810, -33.3290

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.



133.7430, -116.1750, -36.6470



172.3460, 47.0810, 33.3290



156.7030, -22.4140, -34.3340

Square

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



172.3460, 47.0810, 33.3290



166.0290, 44.6140, -15.5940



144.5460, -73.2600, -37.9640



158.5760, -71.6630, 4.6970

Rectangle

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



172.3460, 47.0810, 33.3290



169.1910, 62.6740, 9.5380



144.5460, -73.2600, -37.9640



134.6040, -122.7330, -27.9250

Sweetspot

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



172.3460, 47.0810, 33.3290



233.3490, 15.4950, 11.0390



167.3400, 3.6600, 43.8200



114.1910, 9.9480, 6.9400



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.



172.3460, 47.0810, 33.3290



171.5590, 59.9630, 42.1630



173.7700, 56.8500, 15.9700



112.1580, 5.5470, 4.0990



63.2240, 86.5520, 61.4000



19.2520, 26.3140, 18.7140

Inverse Universe

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



172.3460, 47.0810, 33.3290



171.5590, 59.9630, 42.1630



202.2300, -56.8500, -15.9700



112.1580, 5.5470, 4.0990



63.2240, 86.5520, 61.4000



19.2520, 26.3140, 18.7140

Previews

White Background



This preview shows how the YIQ color 172.3460, 47.0810, 33.3290 looks on a white background.

Color Contrast Check

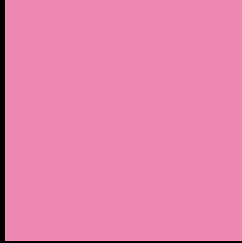
Large Text (above 18pt) WCAG AA × Fail

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 172.3460, 47.0810, 33.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

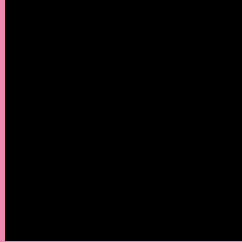
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3460, 47.0810, 33.3290

Background



This preview shows how black text looks on a background with the YIQ color 172.3460, 47.0810, 33.3290.



This preview shows how white text looks on a background with the YIQ color 172.3460, 47.0810,

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

172.3460, 47.0810, 33.3290

Protanopia

169.9960, -11.3720, 7.8600

Deuteranopia

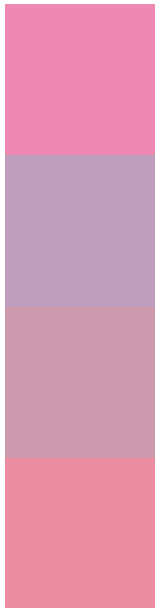
171.0060, 9.0310, 7.0390



Tritanopia

171.3600, 52.4930, 23.3490

Trichromacy



Original Color

172.3460, 47.0810, 33.3290

Protanomaly

170.8140, 9.9920, 17.1600

Deuteranomaly

171.8170, 23.1050, 16.2970

Tritanomaly

172.0980, 50.4750, 26.8830

Monochromacy



Original Color

172.3460, 47.0810, 33.3290

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3600, 16.9620, 11.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3460, 47.0810, 33.3290 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(238, 138, 177)` looks like.

```
.text, #text, p{  
    color:rgb(238, 138, 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(238, 138, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 138, 177) }
```

Border

The CSS property to change the border of an element to YIQ 172.3460, 47.0810, 33.3290 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(238, 138, 177) }
```


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

```
.border{ border-color:rgb(238, 138, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 138, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 138, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 138, 177);  
box-shadow:4px 4px 4px 4px rgb(238, 138,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3460, 47.0810, 33.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 138, 177) }
```

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

```
.background{ background-color: rgb(238,  
138, 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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