

Converting Colors

YIQ(171.9440, 48.2730, 33.7530)

Have a look what the booklet for
YIQ(171.9440, 48.2730, 33.7530)
contains.

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Color

**YIQ(171.9440, 48.2730,
33.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	EF89B0
RGB	239, 137, 176
RGB Percent	94%, 54%, 69%
CMY	0.0625, 0.4629, 0.3096
CMYK	0.00, 0.43, 0.26, 0.06
HSL	337°, 76%, 74%
HSV	337°, 43%, 94%
XYZ	52.3997, 39.3780, 45.9346
YIQ	171.9440, 48.2730, 33.7530

Conversions

Conversions Part 2

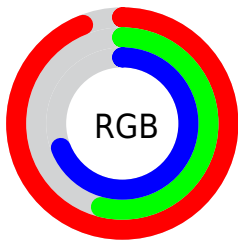
Format	Color
R_{YB}	239, 137, 176
Decimal	15698352
CIE _{Lab}	69.02, 43.50, -3.41
CIE _{LCh}	69, 43.634, 355.523
Yxy	39.3780, 0.3805, 0.2859
Android (android.graphics.Color)	4293888432 (0xFFEF89B0)
YUV	171.9440, 1.9996, 58.8081
Hunter-Lab	62.7519, 39.2372, 0.5258

Details

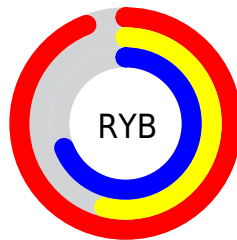
The YIQ color **171.9440, 48.2730, 33.7530** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.0560, -48.2730, -33.7530**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.3970, 24.7080, 25.7960**, and **117.5630, 44.9720, 33.0040** is the 20% darker color. If you saturate the color by 10%, you get **156.1460, 59.6880, 41.6400**, and if you desaturate by 10%, it is **187.7420, 36.8580, 25.8660**.

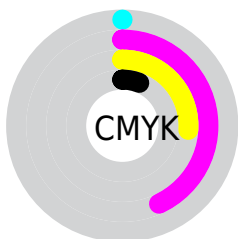
Distribution



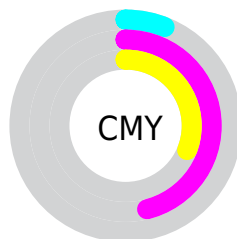
- Red (94%)
- Green (54%)
- Blue (69%)



- Red (94%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (6%)




- Cyan (6%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.9440, 48.2730, 33.7530 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 171.9440, 48.2730, 33.7530 by changing the saturation by 10% instead.


 171.9440, 48.2730,
33.7530

 171.9440, 48.2730,
33.7530


255.0000, -0.0000,
-0.0000


 144.3460, 47.0810,
33.3290


 215.3970, 24.7080,
25.7960


 117.5630, 44.9720,
33.0040


 235.0420, 9.3500,
17.7820

 91.0790, 43.4590,
32.8910

 252.0650, 1.3750,
2.6150

 64.1220, 41.9000,
33.6120

 35.2300, 41.7160,
36.9480

 24.7630, 32.3650,
24.6930

 15.3350, 27.2780,

12.2540

■ 0.0000, 0.0000,
0.0000

■ 171.9440, 48.2730,
33.7530

■ 171.9440, 48.2730,
33.7530

■ 156.1460, 59.6880,
41.6400

■ 187.7420, 36.8580,
25.8660

■ 140.4620, 70.7820,
49.8380

■ 203.5400, 25.4430,
17.9790

■ 124.6640, 82.1970,
57.7250

■ 219.2240, 14.3490,
9.7810

■ 108.8660, 93.6120,
65.6120

■ 235.0220, 2.9340,
1.8940

■ 93.0680, 105.0270,
73.4990

■ 249.6460, -7.9310,
-4.9470

■ 81.8350, 113.2330,
78.9690

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



173.4860, 17.5080, 35.1400



171.9440, 48.2730, 33.7530



169.8680, 62.6260, 21.4260

Triad

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



171.9440, 48.2730, 33.7530



161.6830, 15.8690, -28.7950



134.5700, -125.3930, -23.7690

Complementary

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



171.9440, 48.2730, 33.7530



204.0560, -48.2730, -33.7530

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.



133.8570, -116.4960, -36.3360



171.9440, 48.2730, 33.7530



155.9910, -23.2850, -35.0690

Square

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



171.9440, 48.2730, 33.7530



165.5020, 44.6600, -16.4280



142.4530, -77.4320, -39.4480



157.8040, -72.3050, 5.3190

Rectangle

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



171.9440, 48.2730, 33.7530



168.9630, 63.3160, 8.9160



142.4530, -77.4320, -39.4480



134.7180, -123.0540, -27.6140

Sweetspot

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



171.9440, 48.2730, 33.7530



233.3490, 15.4950, 11.0390



167.4650, 4.8060, 45.0780



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.



171.9440, 48.2730, 33.7530



169.5700, 61.4300, 43.1100



174.5420, 57.4920, 15.3480



112.0440, 5.8680, 3.7880



62.9960, 87.1940, 60.7780



19.1380, 26.6350, 18.4030

Inverse Universe

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



171.9440, 48.2730, 33.7530



169.5700, 61.4300, 43.1100



201.4580, -57.4920, -15.3480



112.0440, 5.8680, 3.7880



62.9960, 87.1940, 60.7780



19.1380, 26.6350, 18.4030

Previews

White Background



This preview shows how the YIQ color 171.9440, 48.2730, 33.7530 looks on a white background.

Color Contrast Check

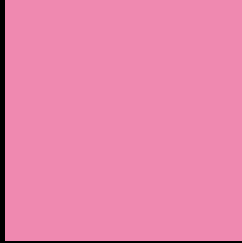
Large Text (above 18pt) WCAG AA × Fail

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 171.9440, 48.2730, 33.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

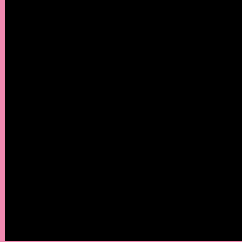
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.9440, 48.2730, 33.7530

Background



This preview shows how black text looks on a background with the YIQ color 171.9440, 48.2730, 33.7530.



This preview shows how white text looks on a background with the YIQ color 171.9440, 48.2730,

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

171.9440, 48.2730, 33.7530

Protanopia

169.8820, -11.0510, 7.5490

Deuteranopia

170.7780, 9.6730, 6.4170



Tritanopia

170.9580, 53.6850, 23.7730

Trichromacy



Original Color

171.9440, 48.2730, 33.7530

Protanomaly

170.7000, 10.3130, 16.8490

Deuteranomaly

171.1160, 23.7010, 16.5090

Tritanomaly

171.6960, 51.6670, 27.3070

Monochromacy



Original Color

171.9440, 48.2730, 33.7530

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6590, 17.5580, 12.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.9440, 48.2730, 33.7530 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(239, 137, 176)` looks like.

```
.text, #text, p{  
    color:rgb(239, 137, 176)  
}
```

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(239, 137, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 137, 176) }
```

Border

The CSS property to change the border of an element to YIQ 171.9440, 48.2730, 33.7530 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(239, 137, 176) }
```


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

```
.border{ border-color:rgb(239, 137, 176) }
```

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

Here you see how a box with a 4 pixel rgb(239, 137, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 137, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 137, 176);  
box-shadow:4px 4px 4px 4px rgb(239, 137,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 171.9440, 48.2730, 33.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 137, 176) }
```

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

```
.background{ background-color: rgb(239,  
137, 176) }
```

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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