

Converting Colors

YIQ(172.3570, 48.5480, 34.2760)

Have a look what the booklet for
YIQ(172.3570, 48.5480, 34.2760)
contains.

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Color

**YIQ(172.3570, 48.5480,
34.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	F089B1
RGB	240, 137, 177
RGB Percent	94%, 54%, 69%
CMY	0.0586, 0.4629, 0.3057
CMYK	0.00, 0.43, 0.26, 0.06
HSL	337°, 78%, 74%
HSV	337°, 43%, 94%
XYZ	52.8380, 39.5923, 46.4737
YIQ	172.3570, 48.5480, 34.2760

Conversions

Conversions Part 2

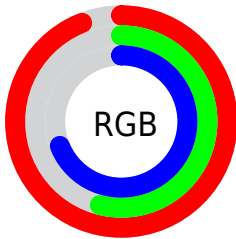
Format	Color
R_{YB}	240, 137, 177
Decimal	15763889
CIE _{Lab}	69.18, 43.98, -3.73
CIE _{LCh}	69, 44.134, 355.158
Yxy	39.5923, 0.3804, 0.2850
Android (android.graphics.Color)	4293953969 (0xFFFF089B1)
YUV	172.3570, 2.2890, 59.3229
Hunter-Lab	62.9224, 39.7780, 0.2548

Details

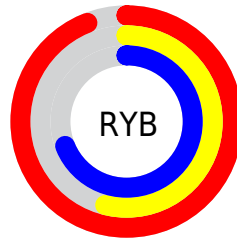
The YIQ color $172.3570, 48.5480, 34.2760$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $204.6430, -48.5480, -34.2760$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $215.5110, 24.3870, 26.1070$, and $117.9760, 45.2470, 33.5270$ is the 20% darker color. If you saturate the color by 10%, you get $156.5590, 59.9630, 42.1630$, and if you desaturate by 10%, it is $188.1550, 37.1330, 26.3890$.

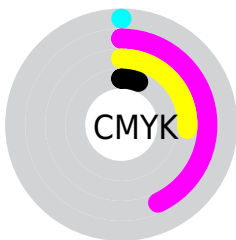
Distribution



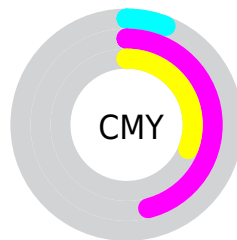
- Red (94%)
- Green (54%)
- Blue (69%)



- 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 172.3570, 48.5480, 34.2760 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 172.3570, 48.5480, 34.2760 by changing the saturation by 10% instead.

 172.3570, 48.5480,
34.2760

 172.3570, 48.5480,
34.2760


255.0000, -0.0000,
-0.0000

 144.7590, 47.3560,
33.8520


 215.5110, 24.3870,
26.1070


 117.9760, 45.2470,
33.5270


 235.0420, 9.3500,
17.7820

 91.1930, 43.1380,
33.2020

 252.0650, 1.3750,
2.6150

 64.5350, 42.1750,
34.1350

 35.3440, 41.3950,
37.2590

 25.1760, 32.6400,
25.2160

 15.7480, 27.5530,

12.7770

■ 0.0000, 0.0000,
0.0000

■ 172.3570, 48.5480,
34.2760

■ 172.3570, 48.5480,
34.2760

■ 156.5590, 59.9630,
42.1630

■ 188.1550, 37.1330,
26.3890

■ 140.8750, 71.0570,
50.3610

■ 203.8390, 26.0390,
18.1910

■ 125.0770, 82.4720,
58.2480

■ 219.6370, 14.6240,
10.3040

■ 109.2790, 93.8870,
66.1350

■ 235.4350, 3.2090,
2.4170

■ 93.5950, 104.9810,
74.3330

■ 249.9450, -7.3350,
-4.7350

■ 82.3620, 113.1870,
79.8030

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



173.8990, 17.7830, 35.6630



172.3570, 48.5480, 34.2760



170.4660, 63.8180, 21.8500

Triad

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



172.3570, 48.5480, 34.2760



162.4550, 16.5110, -29.4170



135.2710, -125.9890, -23.9810

Complementary

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



172.3570, 48.5480, 34.2760



204.6430, -48.5480, -34.2760

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.



133.9710, -116.8170, -36.0250



172.3570, 48.5480, 34.2760



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.



172.3570, 48.5480, 34.2760



166.1000, 45.8520, -16.0040



142.1540, -78.0280, -39.6600



157.9070, -74.0930, 4.6830

Rectangle

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



172.3570, 48.5480, 34.2760



169.5610, 64.5080, 9.3400



142.1540, -78.0280, -39.6600



135.3050, -123.3290, -28.1370

Sweetspot

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



172.3570, 48.5480, 34.2760



233.3490, 15.4950, 11.0390



167.2800, 3.8890, 45.1770



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.



172.3570, 48.5480, 34.2760



167.6950, 62.5760, 44.3680



173.6670, 58.6380, 16.6060



112.1580, 5.5470, 4.0990



63.1100, 86.8730, 61.0890



19.2520, 26.3140, 18.7140

Inverse Universe

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



172.3570, 48.5480, 34.2760



167.6950, 62.5760, 44.3680



203.3330, -58.6380, -16.6060



112.1580, 5.5470, 4.0990



63.1100, 86.8730, 61.0890



19.2520, 26.3140, 18.7140

Previews

White Background



This preview shows how the YIQ color 172.3570, 48.5480, 34.2760 looks on a white background.

Color Contrast Check

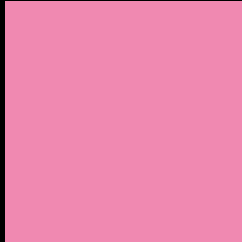
Large Text (above 18pt) WCAG AA × Fail

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 172.3570, 48.5480, 34.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

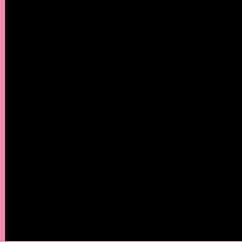
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3570, 48.5480, 34.2760

Background



This preview shows how black text looks on a background with the YIQ color 172.3570, 48.5480, 34.2760.



This preview shows how white text looks on a background with the YIQ color 172.3570, 48.5480,

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

172.3570, 48.5480, 34.2760

Protanopia

169.9960, -11.3720, 7.8600

Deuteranopia

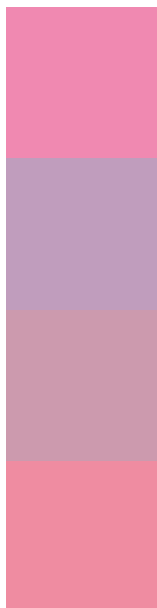
170.8920, 9.3520, 6.7280



Tritanopia

171.8440, 54.0060, 23.4620

Trichromacy



Original Color

172.3570, 48.5480, 34.2760

Protanomaly

171.1130, 10.5880, 17.3720

Deuteranomaly

171.2300, 23.3800, 16.8200

Tritanomaly

171.9950, 52.2630, 27.5190

Monochromacy



Original Color

172.3570, 48.5480, 34.2760

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0720, 17.8330, 12.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3570, 48.5480, 34.2760 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(240, 137, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 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(240, 137, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 177) }
```

Border

The CSS property to change the border of an element to YIQ 172.3570, 48.5480, 34.2760 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(240, 137, 177) }
```


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

```
.border{ border-color:rgb(240, 137, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 137, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3570, 48.5480, 34.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 177) }
```

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

```
.background{ background-color: rgb(240,  
137, 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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