

Converting Colors

YIQ(172.3990, 48.7300, 41.9940)

Have a look what the booklet for
YIQ(172.3990, 48.7300, 41.9940)
contains.

YIQ(172.3990, 48.7300, 41.9940)	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(172.3990, 48.7300,
41.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	F584BE
RGB	245, 132, 190
RGB Percent	96%, 52%, 75%
CMY	0.0389, 0.4825, 0.2548
CMYK	0.00, 0.46, 0.22, 0.04
HSL	329°, 85%, 74%
HSV	329°, 46%, 96%
XYZ	55.2266, 39.6355, 53.4766
YIQ	172.3990, 48.7300, 41.9940

Conversions

Conversions Part 2

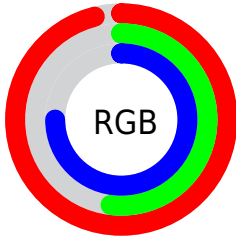
Format	Color
R_{YB}	245, 132, 190
Decimal	16090302
CIE _{Lab}	69.21, 49.95, -10.88
CIE _{LCh}	69, 51.119, 347.706
Yxy	39.6355, 0.3723, 0.2672
Android (android.graphics.Color)	4294280382 (0xFFFF584BE)
YUV	172.3990, 8.6773, 63.6711
Hunter-Lab	62.9567, 46.4085, -6.2922

Details

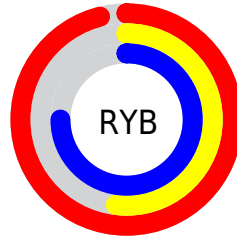
The YIQ color **172.3990, 48.7300, 41.9940** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.6010, -48.7300, -41.9940**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.0580, 21.5890, 32.7650**, and **117.0180, 45.4290, 41.2450** is the 20% darker color. If you saturate the color by 10%, you get **156.3560, 59.4570, 51.3370**, and if you desaturate by 10%, it is **187.8550, 38.2780, 33.1740**.

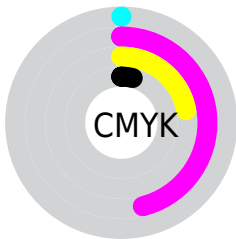
Distribution



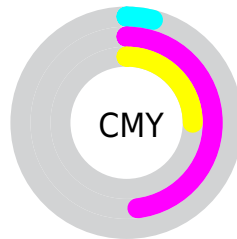
- Red (96%)
- Green (52%)
- Blue (75%)



- Red (96%)
- Yellow (52%)
- Blue (75%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.3990, 48.7300, 41.9940 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 172.3990, 48.7300, 41.9940 by changing the saturation by 10% instead.

172.3990, 48.7300,
41.9940

172.3990, 48.7300,
41.9940

255.0000, -0.0000,
-0.0000

144.5020, 46.9420,
41.3580

214.0580, 21.5890,
32.7650

117.0180, 45.4290,
41.2450

232.1070, 10.7250,
20.3970

89.8330, 44.5120,
41.3440

249.1300, 2.7500,
5.2300

60.5280, 44.0530,
44.1570

38.0930, 40.8440,
41.7400

27.5120, 31.8140,
29.1740

17.9420, 24.2510,

17.5550

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 172.3990, 48.7300,
41.9940

■ 172.3990, 48.7300,
41.9940

■ 156.3560, 59.4570,
51.3370

■ 187.8550, 38.2780,
33.1740

■ 140.9000, 69.9090,
60.1570

■ 203.8980, 27.5510,
23.8310

■ 124.8570, 80.6360,
69.5000

■ 219.3540, 17.0990,
15.0110

■ 109.4010, 91.0880,
78.3200

■ 235.3970, 6.3720,
5.6680

■ 93.3580, 101.8150,
87.6630

■ 250.8530, -4.0800,
-3.1520

■ 87.6190, 105.5740,
91.1260

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



174.0430, 8.7500, 39.6780



172.3990, 48.7300, 41.9940



169.4440, 70.0520, 30.0200

Triad

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



172.3990, 48.7300, 41.9940



162.0340, 27.8820, -31.7500



137.8470, -127.7310, -25.4510

Complementary

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



172.3990, 48.7300, 41.9940



204.6010, -48.7300, -41.9940

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.



135.0480, -115.7160, -39.4600



172.3990, 48.7300, 41.9940



155.1350, -15.1230, -39.8190

Square

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



172.3990, 48.7300, 41.9940



165.9720, 57.9560, -15.1000



135.2680, -87.5170, -49.4130



134.1430, -131.0800, -14.3120

Rectangle

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



172.3990, 48.7300, 41.9940



168.8660, 74.1350, 16.5910



135.2680, -87.5170, -49.4130



137.6530, -124.4290, -30.2290

Sweetspot

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



172.3990, 48.7300, 41.9940



231.9300, 15.3570, 13.5410



161.3270, -3.4930, 46.8030



113.8320, 9.5810, 8.0850



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.



172.3990, 48.7300, 41.9940



165.0680, 60.3280, 52.0720



166.0150, 66.7060, 24.5780



114.2720, 5.2260, 4.4100



66.5580, 80.0400, 69.2880



21.0610, 25.5340, 21.8380

Inverse Universe

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



172.3990, 48.7300, 41.9940



165.0680, 60.3280, 52.0720



210.9850, -66.7060, -24.5780



114.2720, 5.2260, 4.4100



66.5580, 80.0400, 69.2880



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 172.3990, 48.7300, 41.9940 looks on a white background.

Color Contrast Check

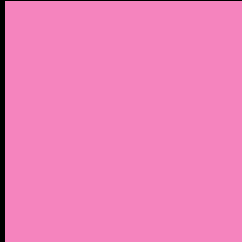
Large Text (above 18pt) WCAG AA × Fail

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 172.3990, 48.7300, 41.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

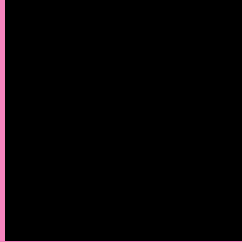
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3990, 48.7300, 41.9940

Background



This preview shows how black text looks on a background with the YIQ color 172.3990, 48.7300, 41.9940.



This preview shows how white text looks on a background with the YIQ color 172.3990, 48.7300,

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

172.3990, 48.7300, 41.9940

Protanopia

170.2540, -20.7260, 12.1860

Deuteranopia

171.3520, 2.2450, 8.8770



Tritanopia

171.3390, 56.9860, 24.5220

Trichromacy



Original Color

172.3990, 48.7300, 41.9940

Protanomaly

171.1650, 4.8100, 22.9700

Deuteranomaly

171.7120, 19.2070, 20.8630

Tritanomaly

171.5870, 53.5920, 30.9680

Monochromacy



Original Color

172.3990, 48.7300, 41.9940

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0660, 17.9700, 15.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3990, 48.7300, 41.9940 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(245, 132, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 190)  
}
```

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(245, 132, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 190) }
```

Border

The CSS property to change the border of an element to YIQ 172.3990, 48.7300, 41.9940 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(245, 132, 190) }
```


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

```
.border{ border-color:rgb(245, 132, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 132, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 132, 190);  
box-shadow:4px 4px 4px 4px rgb(245, 132,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3990, 48.7300, 41.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 190) }
```

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

```
.background{ background-color: rgb(245,  
132, 190) }
```

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