

Converting Colors

YIQ(172.0540, 53.7750, 33.1590)

Have a look what the booklet for
YIQ(172.0540, 53.7750, 33.1590)
contains.

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Color

**YIQ(172.0540, 53.7750,
33.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	F488A9
RGB	244, 136, 169
RGB Percent	96%, 53%, 66%
CMY	0.0429, 0.4668, 0.3371
CMYK	0.00, 0.44, 0.31, 0.04
HSL	342°, 83%, 75%
HSV	342°, 44%, 96%
XYZ	53.2965, 39.7077, 42.4150
YIQ	172.0540, 53.7750, 33.1590

Conversions

Conversions Part 2

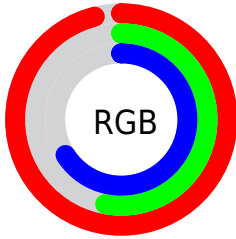
Format	Color
R_{YB}	244, 136, 169
Decimal	16025769
CIE _{Lab}	69.26, 44.81, 0.94
CIE _{LCh}	69, 44.816, 1.196
Yxy	39.7077, 0.3936, 0.2932
Android (android.graphics.Color)	4294215849 (0xFFFF488A9)
YUV	172.0540, -1.5056, 63.0966
Hunter-Lab	63.0140, 40.6985, 4.2015

Details

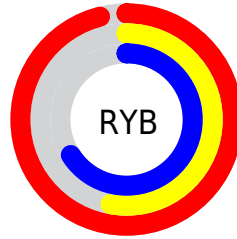
The YIQ color **172.0540, 53.7750, 33.1590** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.9460, -53.7750, -33.1590**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.8980, 27.5510, 23.8310**, and **117.3740, 49.8780, 32.1980** is the 20% darker color. If you saturate the color by 10%, you get **156.0280, 65.8320, 40.4240**, and if you desaturate by 10%, it is **188.0800, 41.7180, 25.8940**.

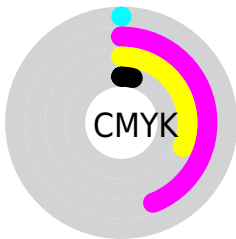
Distribution



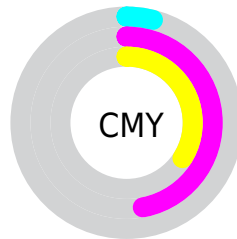
- Red (96%)
- Green (53%)
- Blue (66%)



- Red (96%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.0540, 53.7750, 33.1590 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 172.0540, 53.7750, 33.1590 by changing the saturation by 10% instead.

 172.0540, 53.7750,
33.1590


 172.0540, 53.7750,
33.1590


255.0000, -0.0000,
-0.0000


 144.2710, 51.6660,
32.8340

 213.8980, 27.5510,
23.8310

 117.3740, 49.8780,
32.1980


 234.2270, 10.2670,
17.6830

 91.0040, 48.0440,
32.3960

 251.4780, 1.6500,
3.1380

 63.4600, 46.7600,
33.6400

 35.5570, 45.1090,
36.0290

 25.0900, 35.7580,
23.7740

 15.4770, 29.7540,

11.4340

■ 0.0000, 0.0000,
0.0000

■ 172.0540, 53.7750,
33.1590

■ 172.0540, 53.7750,
33.1590

■ 156.0280, 65.8320,
40.4240

■ 188.0800, 41.7180,
25.8940

■ 139.4150, 78.1640,
48.2120

■ 204.6930, 29.3860,
18.1060

■ 123.3890, 90.2210,
55.4770

■ 220.7190, 17.3290,
10.8410

■ 106.7760,
102.5530, 63.2650

■ 237.3320, 4.9970,
3.0530

■ 90.7500, 114.6100,
70.5300

■ 251.5970, -6.2350,
-2.6430

■ 81.5060, 121.3490,
75.0530

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



173.8460, 25.3020, 37.0620



172.0540, 53.7750, 33.1590



169.8420, 65.5150, 18.6270

Triad

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



172.0540, 53.7750, 33.1590



161.3940, 9.3130, -31.1270



134.6670, -127.0440, -21.3800

Complementary

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



172.0540, 53.7750, 33.1590



207.9460, -53.7750, -33.1590

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.



134.8830, -119.3850, -33.5370



172.0540, 53.7750, 33.1590



154.3750, -33.2340, -36.4820

Square

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



172.0540, 53.7750, 33.1590



165.5400, 41.4970, -19.6790



130.7960, -106.4990, -46.8110



161.7450, -64.6490, 9.7430

Rectangle

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



172.0540, 53.7750, 33.1590



169.0400, 64.4170, 5.4810



130.7960, -106.4990, -46.8110



135.5160, -125.3010, -25.4370

Sweetspot

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



172.0540, 53.7750, 33.1590



233.0070, 16.4580, 10.1060



170.4380, 9.4360, 49.2760



113.9630, 10.5900, 6.3180



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.



172.0540, 53.7750, 33.1590



165.0390, 67.2990, 41.3710



180.0320, 58.8680, 12.4360



114.0440, 5.8680, 3.7880



62.1120, 92.5590, 57.1590



19.6930, 29.3860, 18.1060

Inverse Universe

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



172.0540, 53.7750, 33.1590



165.0390, 67.2990, 41.3710



199.9680, -58.8680, -12.4360



114.0440, 5.8680, 3.7880



62.1120, 92.5590, 57.1590



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 172.0540, 53.7750, 33.1590 looks on a white background.

Color Contrast Check

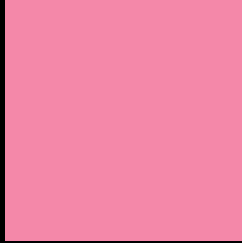
Large Text (above 18pt) WCAG AA × Fail

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 172.0540, 53.7750, 33.1590 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 172.0540, 53.7750, 33.1590

Background



This preview shows how black text looks on a background with the YIQ color 172.0540, 53.7750, 33.1590.



This preview shows how white text looks on a background with the YIQ color 172.0540, 53.7750,

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

172.0540, 53.7750, 33.1590

Protanopia

169.9810, -7.0160, 6.0080

Deuteranopia

171.1760, 14.3040, 5.0880



Tritanopia

171.0510, 57.8570, 25.2570

Trichromacy



Original Color

172.0540, 53.7750, 33.1590

Protanomaly

170.5110, 15.2190, 16.0430

Deuteranomaly

171.5140, 28.3320, 15.1800

Tritanomaly

171.5610, 56.4810, 28.1690

Monochromacy



Original Color

172.0540, 53.7750, 33.1590

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0290, 19.3920, 12.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0540, 53.7750, 33.1590 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(244, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(244, 136, 169)  
}
```

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(244, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 136, 169) }
```

Border

The CSS property to change the border of an element to YIQ 172.0540, 53.7750, 33.1590 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(244, 136, 169) }
```


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

```
.border{ border-color:rgb(244, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(244, 136,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0540, 53.7750, 33.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 136, 169) }
```

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

```
.background{ background-color: rgb(244,  
136, 169) }
```

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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