

Converting Colors

YIQ(170.3820, 47.4000, 44.0720)

Have a look what the booklet for
YIQ(170.3820, 47.4000, 44.0720)
contains.

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Color

**YIQ(170.3820, 47.4000,
44.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	F381C1
RGB	243, 129, 193
RGB Percent	95%, 51%, 76%
CMY	0.0467, 0.4943, 0.2430
CMYK	0.00, 0.47, 0.21, 0.05
HSL	326°, 83%, 73%
HSV	326°, 47%, 95%
XYZ	54.4631, 38.6086, 55.0544
YIQ	170.3820, 47.4000, 44.0720

Conversions

Conversions Part 2

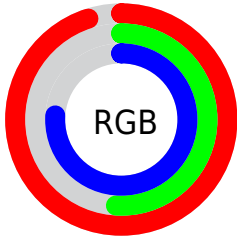
Format	Color
R _Y B	243, 129, 193
Decimal	15958465
CIE Lab	68.47, 51.22, -13.70
CIE LCh	68, 53.016, 345.023
Yxy	38.6086, 0.3677, 0.2606
Android (android.graphics.Color)	4294148545 (0xFFFF381C1)
YUV	170.3820, 11.1507, 63.6860
Hunter-Lab	62.1358, 47.7206, -9.0379

Details

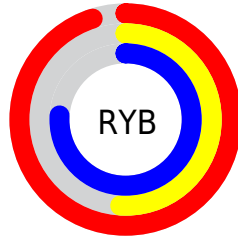
The YIQ color **170.3820, 47.4000, 44.0720** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.6180, -47.4000, -44.0720**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6390, 21.4510, 35.2670**, and **114.8870, 44.4200, 43.0120** is the 20% darker color. If you saturate the color by 10%, you get **155.0400, 57.5310, 53.2030**, and if you desaturate by 10%, it is **185.7240, 37.2690, 34.9410**.

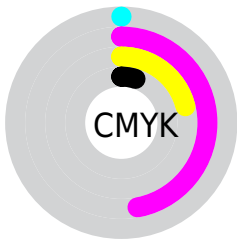
Distribution



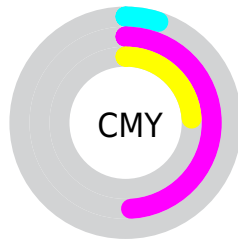
- Red (95%)
- Green (51%)
- Blue (76%)



- Red (95%)
- Yellow (51%)
- Blue (76%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.3820, 47.4000, 44.0720 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 170.3820, 47.4000, 44.0720 by changing the saturation by 10% instead.


 170.3820, 47.4000,
44.0720


 170.3820, 47.4000,
44.0720


255.0000, -0.0000,
-0.0000

 142.7840, 46.2080,
43.6480


 212.7530, 21.1300,
35.5780


 115.1860, 45.0160,
43.2240


 230.3460, 11.5500,
21.9660

 87.2290, 43.4570,
43.9450

 247.3690, 3.5750,
6.7990

 56.6360, 43.8690,
47.4930

 37.7230, 39.0100,
41.9380

 27.1420, 29.9800,
29.3720

 17.5720, 22.4170,

17.7530

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 170.3820, 47.4000,
44.0720

■ 170.3820, 47.4000,
44.0720

■ 155.0400, 57.5310,
53.2030

■ 185.7240, 37.2690,
34.9410

■ 139.2250, 67.6160,
63.1680

■ 201.5390, 27.1840,
24.9760

■ 123.8830, 77.7470,
72.2990

■ 216.8810, 17.0530,
15.8450

■ 108.5410, 87.8780,
81.4300

■ 232.2230, 6.9220,
6.7140

■ 92.7260, 97.9630,
91.3950

■ 247.4510, -2.8880,
-2.7280

■ 88.1610, 101.1720,
93.8120

■ 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



172.0040, 4.4860, 39.8620



170.3820, 47.4000, 44.0720



166.7370, 70.7850, 33.2570

Triad

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



170.3820, 47.4000, 44.0720



160.0730, 32.1460, -31.9340



137.0320, -126.8140, -25.5500

Complementary

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



170.3820, 47.4000, 44.0720



201.6180, -47.4000, -44.0720

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.



133.7770, -113.5150, -40.8030



170.3820, 47.4000, 44.0720



153.3480, -11.4090, -41.0490

Square

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



170.3820, 47.4000, 44.0720



164.0650, 62.1280, -13.6160



131.8010, -87.7000, -51.6040



134.1430, -131.0800, -14.3120

Rectangle

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



170.3820, 47.4000, 44.0720



166.5290, 76.7020, 19.6300



131.8010, -87.7000, -51.6040



136.7240, -123.1910, -30.6390

Sweetspot

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



170.3820, 47.4000, 44.0720



232.0440, 15.0360, 13.8520



156.6470, -7.3900, 45.8420



113.9460, 9.2600, 8.3960



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.



170.3820, 47.4000, 44.0720



163.8770, 59.5480, 55.1960



163.9980, 65.3760, 26.6560



114.3860, 4.9050, 4.7210



67.5840, 77.1510, 72.0870



21.4030, 24.5710, 22.7710

Inverse Universe

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



170.3820, 47.4000, 44.0720



163.8770, 59.5480, 55.1960



208.0020, -65.3760, -26.6560



114.3860, 4.9050, 4.7210



67.5840, 77.1510, 72.0870



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 170.3820, 47.4000, 44.0720 looks on a white background.

Color Contrast Check

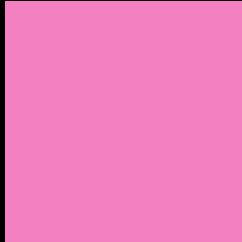
Large Text (above 18pt) WCAG AA × Fail

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 170.3820, 47.4000, 44.0720 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 170.3820, 47.4000, 44.0720

Background



This preview shows how black text looks on a background with the YIQ color 170.3820, 47.4000, 44.0720.



This preview shows how white text looks on a background with the YIQ color 170.3820, 47.4000,

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

170.3820, 47.4000, 44.0720

Protanopia

167.4540, -24.1650, 13.9390

Deuteranopia

169.0250, -1.1480, 9.7960



Tritanopia

169.3390, 56.9860, 24.5220

Trichromacy



Original Color

170.3820, 47.4000, 44.0720



Protanomaly

168.6640, 1.9670, 24.9350



Deuteranomaly

169.6840, 16.4100, 21.9940



Tritanomaly

169.7010, 53.2710, 31.2790

Monochromacy



Original Color

170.3820, 47.4000, 44.0720



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

170.1800, 17.6490, 16.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.3820, 47.4000, 44.0720 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(243, 129, 193)` looks like.

```
.text, #text, p{  
    color:rgb(243, 129, 193)  
}
```

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(243, 129, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 129, 193) }
```

Border

The CSS property to change the border of an element to YIQ 170.3820, 47.4000, 44.0720 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(243, 129, 193) }
```


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

```
.border{ border-color:rgb(243, 129, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 129, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 129, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 129, 193); box-shadow:4px 4px 4px 4px rgb(243, 129, 193) }
```

Background

The CSS property to change the background color of an element to YIQ 170.3820, 47.4000, 44.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 129, 193) }
```

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

```
.background{ background-color: rgb(243,  
129, 193) }
```

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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