

Converting Colors

YIQ(102.8920, 99.8910, 78.4750)

Have a look what the booklet for
YIQ(102.8920, 99.8910, 78.4750)
contains.

YIQ(102.8920, 99.8910, 78.4750)	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(102.8920, 99.8910,
78.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	F7197E
RGB	247, 25, 126
RGB Percent	97%, 10%, 49%
CMY	0.0308, 0.9022, 0.5056
CMYK	0.00, 0.90, 0.49, 0.03
HSL	333°, 93%, 53%
HSV	333°, 90%, 97%
XYZ	42.5277, 22.0013, 21.7713
YIQ	102.8920, 99.8910, 78.4750

Conversions

Conversions Part 2

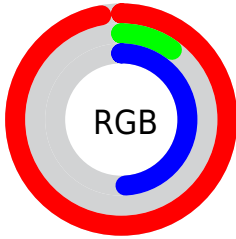
Format	Color
R_{YB}	247, 25, 126
Decimal	16193918
CIE _{Lab}	54.03, 80.58, 3.79
CIE _{LCh}	54, 80.669, 2.691
Yxy	22.0013, 0.4928, 0.2549
Android (android.graphics.Color)	4294383998 (0xFFFF7197E)
YUV	102.8920, 11.3922, 126.3827
Hunter-Lab	46.9056, 79.7554, 5.3143

Details

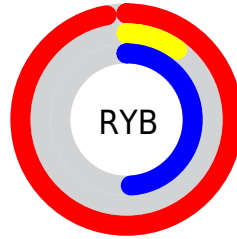
The YIQ color **102.8920, 99.8910, 78.4750** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **169.1080, -99.8910, -78.4750**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5850, 66.2420, 55.0260**, and **63.7940, 84.9470, 62.9550** is the 20% darker color. If you saturate the color by 10%, you get **86.7350, 110.9390, 87.5070**, and if you desaturate by 10%, it is **119.1630, 88.5220, 69.7540**.

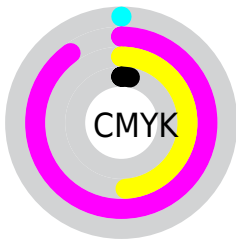
Distribution



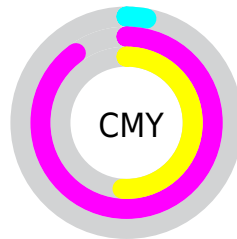
- Red (97%)
- Green (10%)
- Blue (49%)



- Red (97%)
- Yellow (10%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (90%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.8920, 99.8910, 78.4750 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 102.8920, 99.8910, 78.4750 by changing the saturation by 10% instead.

102.8920, 99.8910,
78.4750

102.8920, 99.8910,
78.4750

255.0000, -0.0000,
-0.0000

75.7990, 95.7190,
76.9910

157.5850, 66.2420,
55.0260

63.9080, 84.6260,
63.2660

178.9740, 48.7290,
47.5210

52.0170, 73.5330,
49.5410

199.7760, 31.4910,
40.5390

40.3540, 61.7980,
36.4380

220.3670, 16.2250,
30.8570

28.7620, 51.3010,
22.9250

237.9770, 7.9750,
15.1670

18.5810, 35.3930,
13.8650

7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 102.8920, 99.8910,
78.4750

■ 102.8920, 99.8910,
78.4750

■ 86.7350, 110.9390,
87.5070

■ 119.1630, 88.5220,
69.7540

■ 86.6210, 111.2600,
87.1960

■ 134.7330, 77.7490,
61.2450

■ 150.8900, 66.7010,
52.2130

■ 167.1610, 55.3320,
43.4920

■ 183.3180, 44.2840,
34.4600

■ 199.0020, 33.1900,
26.2620

■ 215.1590, 22.1420,
17.2300

■ 231.4300, 10.7730,
8.5090

■ 247.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



123.9690, 48.2660, 72.4420



102.8920, 99.8910, 78.4750



112.7170, 109.0680, 38.7960

Triad

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



102.8920, 99.8910, 78.4750



109.0240, 6.3380, -59.8220



118.1800, -123.3340, -0.5020

Complementary

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



102.8920, 99.8910, 78.4750



169.1080, -99.8910, -78.4750

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.



115.8880, -108.6130, -19.5010



102.8920, 99.8910, 78.4750



97.8250, -61.8850, -62.4050

Square

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



102.8920, 99.8910, 78.4750



120.8720, 54.5210, -35.4550



108.0220, -86.4640, -40.9600



109.4890, -119.5300, 7.6540

Rectangle

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



102.8920, 99.8910, 78.4750



116.8490, 107.1950, 1.1390



108.0220, -86.4640, -40.9600



118.3450, -119.6650, -6.4250

Sweetspot

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



102.8920, 99.8910, 78.4750



210.1650, 31.1730, 24.2690



85.5900, -0.9340, 94.0580



101.3110, 18.6580, 14.2900



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.



102.8920, 99.8910, 78.4750



89.4690, 114.7440, 90.1360



95.4870, 130.3870, 43.4030



114.2720, 5.2260, 4.4100



65.3040, 83.5710, 65.8670



20.7190, 26.4970, 20.9050

Inverse Universe

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



102.8920, 99.8910, 78.4750



89.4690, 114.7440, 90.1360



176.5130, -130.3870, -43.4030



114.2720, 5.2260, 4.4100



65.3040, 83.5710, 65.8670



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 102.8920, 99.8910, 78.4750 looks on a white background.

Color Contrast Check

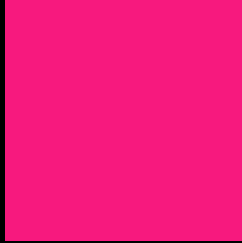
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.8920, 99.8910, 78.4750 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 × Fail

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

YIQ 102.8920, 99.8910, 78.4750

Background



This preview shows how black text looks on a background with the YIQ color 102.8920, 99.8910, 78.4750.



This preview shows how white text looks on a background with the YIQ color 102.8920, 99.8910,

78.4750.

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

102.8920, 99.8910, 78.4750

Protanopia

129.9270, -24.1190, 13.1050

Deuteranopia

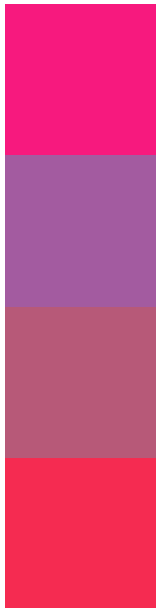
130.5520, 16.0010, 1.8650



Tritanopia

110.9240, 112.9190, 40.5910

Trichromacy



Original Color

102.8920, 99.8910, 78.4750

Protanomaly

120.3940, 20.7630, 36.7230

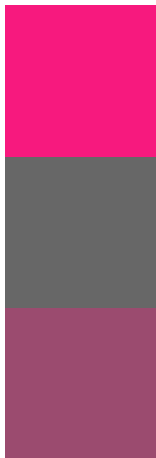
Deuteranomaly

120.6400, 46.0730, 29.5690

Tritanomaly

107.7300, 108.1940, 54.6420

Monochromacy



Original Color

102.8920, 99.8910, 78.4750

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0240, 36.1240, 28.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.8920, 99.8910, 78.4750 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(247, 25, 126)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 126)  
}
```

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(247, 25, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 126) }
```

Border

The CSS property to change the border of an element to YIQ 102.8920, 99.8910, 78.4750 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(247, 25, 126) }
```


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

```
.border{ border-color:rgb(247, 25, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 25, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 126);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 102.8920, 99.8910, 78.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 126) }
```

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

```
.background{ background-color: rgb(247, 25,  
126) }
```

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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