

Converting Colors

YIQ(113.9820, 98.9770, 61.9930)

Have a look what the booklet for
YIQ(113.9820, 98.9770, 61.9930)
contains.

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Color

**YIQ(113.9820, 98.9770,
61.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	F72F6E
RGB	247, 47, 110
RGB Percent	97%, 18%, 43%
CMY	0.0309, 0.8159, 0.5683
CMYK	0.00, 0.81, 0.55, 0.03
HSL	341°, 93%, 58%
HSV	341°, 81%, 97%
XYZ	42.2365, 22.9521, 16.9810
YIQ	113.9820, 98.9770, 61.9930

Conversions

Conversions Part 2

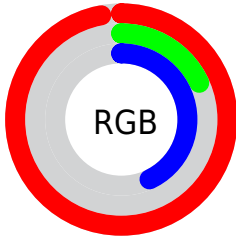
Format	Color
R_{YB}	247, 47, 110
Decimal	16199534
CIE _{Lab}	55.02, 75.42, 14.80
CIE _{LCh}	55, 76.857, 11.102
Yxy	22.9521, 0.5140, 0.2793
Android (android.graphics.Color)	4294389614 (0xFFFF72F6E)
YUV	113.9820, -1.9631, 116.6568
Hunter-Lab	47.9083, 73.5281, 12.5206

Details

The YIQ color **113.9820, 98.9770, 61.9930** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **180.0180, -98.9770, -61.9930**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5170, 68.9490, 44.5090**, and **62.1980, 89.4410, 58.6010** is the 20% darker color. If you saturate the color by 10%, you get **97.3690, 111.3090, 69.7810**, and if you desaturate by 10%, it is **130.5950, 86.6450, 54.2050**.

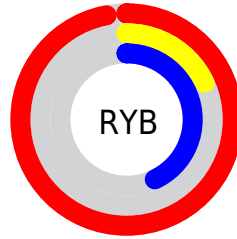
Distribution



Red (97%)

Green (18%)

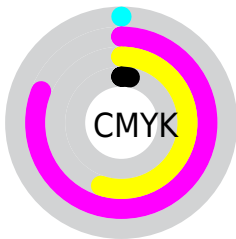
Blue (43%)



Red (97%)

Yellow (18%)

Blue (43%)

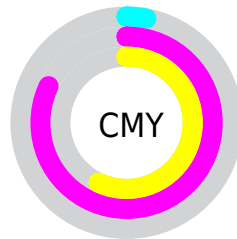


Cyan (0%)

Magenta (81%)

Yellow (55%)

Black (3%)



Cyan (3%)


Magenta (82%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.9820, 98.9770, 61.9930 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 113.9820, 98.9770, 61.9930 by changing the saturation by 10% instead.


 113.9820, 98.9770,
61.9930


 113.9820, 98.9770,
61.9930


255.0000, -0.0000,
-0.0000


 74.0890, 100.5340,
72.3260


 161.5170, 68.9490,
44.5090


 62.1980, 89.4410,
58.6010


 182.2050, 52.0320,
37.2160

 50.2360, 77.1100,
45.2860


 203.0070, 34.7940,
30.2340

 38.6870, 65.0540,
32.4940

 223.8090, 17.5560,
23.2520

 27.5510, 53.2730,
20.2250

 242.6730, 5.7750,
10.9830

 18.2820, 34.7970,
13.6530

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 113.9820, 98.9770,
61.9930

■ 113.9820, 98.9770,
61.9930

■ 97.3690, 111.3090,
69.7810

■ 130.5950, 86.6450,
54.2050

■ 82.7450, 122.1740,
76.6220

■ 146.6210, 74.5880,
46.9400

■ 163.2340, 62.2560,
39.1520

■ 179.8470, 49.9240,
31.3640

■ 195.8730, 37.8670,
24.0990

212.4860, 25.5350,
16.3110

229.0990, 13.2030,
8.5230

245.5980, 1.1920,
0.4240

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



124.3310, 61.7460, 70.4340



113.9820, 98.9770, 61.9930



120.9850, 101.7810, 22.1730

Triad

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



113.9820, 98.9770, 61.9930



105.6800, -7.5530, -66.8890



117.7070, -123.3800, 0.3320

Complementary

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



113.9820, 98.9770, 61.9930



180.0180, -98.9770, -61.9930

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.



118.1850, -113.7030, -15.3590



113.9820, 98.9770, 61.9930



102.5500, -71.0560, -55.8880

Square

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



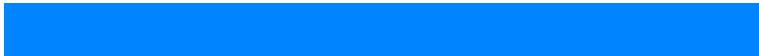
113.9820, 98.9770, 61.9930



121.3820, 43.9770, -42.6070



112.2910, -94.3510, -35.6870



106.5540, -118.1550, 10.2690

Rectangle

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



113.9820, 98.9770, 61.9930



122.0660, 95.9180, -9.2500



112.2910, -94.3510, -35.6870



119.3710, -122.5540, -3.6260

Sweetspot

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



113.9820, 98.9770, 61.9930



214.4050, 30.2570, 18.8410



110.7630, 17.4520, 91.2440



103.3170, 18.5210, 11.2650



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.



113.9820, 98.9770, 61.9930



90.7450, 122.1740, 76.6220



128.5190, 109.0250, 23.0490



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810



19.8070, 29.0650, 18.4170

Inverse Universe

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



113.9820, 98.9770, 61.9930



90.7450, 122.1740, 76.6220



165.4810, -109.0250, -23.0490



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810



19.8070, 29.0650, 18.4170

Previews

White Background



This preview shows how the YIQ color 113.9820, 98.9770, 61.9930 looks on a white background.

Color Contrast Check

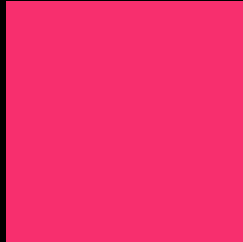
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9820, 98.9770, 61.9930 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 113.9820, 98.9770, 61.9930

Background



This preview shows how black text looks on a background with the YIQ color 113.9820, 98.9770, 61.9930.



This preview shows how white text looks on a background with the YIQ color 113.9820, 98.9770,

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

113.9820, 98.9770, 61.9930

Protanopia

132.7960, -7.9330, 6.1070

Deuteranopia

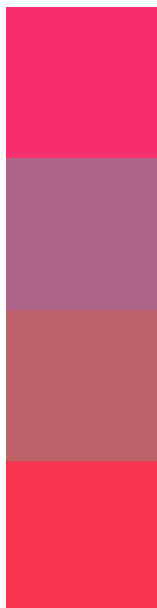
132.4080, 25.0340, -2.1500



Tritanopia

115.5430, 109.6180, 39.8420

Trichromacy



Original Color

113.9820, 98.9770, 61.9930

Protanomaly

125.7460, 31.0350, 26.7710

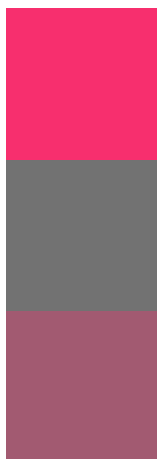
Deuteranomaly

125.8930, 52.3100, 21.1580

Tritanomaly

114.8450, 106.1320, 47.9560

Monochromacy



Original Color

113.9820, 98.9770, 61.9930

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1500, 35.5290, 22.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9820, 98.9770, 61.9930 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, 47, 110)` looks like.

```
.text, #text, p{  
    color:rgb(247, 47, 110)  
}
```

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, 47, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 47, 110) }
```

Border

The CSS property to change the border of an element to YIQ 113.9820, 98.9770, 61.9930 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, 47, 110) }
```


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

```
.border{ border-color:rgb(247, 47, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 47, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 47, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 47, 110);  
box-shadow:4px 4px 4px 4px rgb(247, 47,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9820, 98.9770, 61.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 47, 110) }
```

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

```
.background{ background-color: rgb(247, 47,  
110) }
```

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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