

Converting Colors

YIQ(118.9200, 93.5200, 67.2800)

Have a look what the booklet for
YIQ(118.9200, 93.5200, 67.2800)
contains.

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Color

**YIQ(118.9200, 93.5200,
67.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	FA3282
RGB	250, 50, 130
RGB Percent	98%, 20%, 51%
CMY	0.0191, 0.8042, 0.4899
CMYK	0.00, 0.80, 0.48, 0.02
HSL	336°, 95%, 59%
HSV	336°, 80%, 98%
XYZ	44.6440, 24.2366, 23.4720
YIQ	118.9200, 93.5200, 67.2800

Conversions

Conversions Part 2

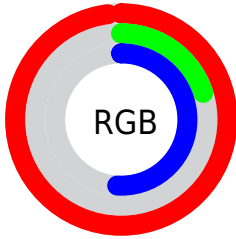
Format	Color
R_{YB}	250, 50, 130
Decimal	16396930
CIE _{Lab}	56.32, 76.93, 4.78
CIE _{LCh}	56, 77.074, 3.553
Yxy	24.2366, 0.4834, 0.2624
Android (android.graphics.Color)	4294587010 (0xFFFA3282)
YUV	118.9200, 5.4624, 114.9572
Hunter-Lab	49.2307, 75.7157, 6.1935

Details

The YIQ color **118.9200, 93.5200, 67.2800** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **181.0800, -93.5200, -67.2800**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7860, 61.0620, 49.7820**, and **65.1470, 85.4510, 64.8350** is the 20% darker color. If you saturate the color by 10%, you get **102.5350, 105.2100, 75.6900**, and if you desaturate by 10%, it is **135.3050, 81.8300, 58.8700**.

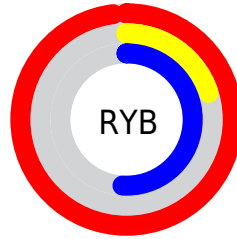
Distribution



Red (98%)

Green (20%)

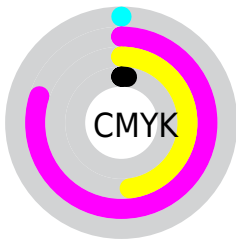
Blue (51%)



Red (98%)

Yellow (20%)

Blue (51%)

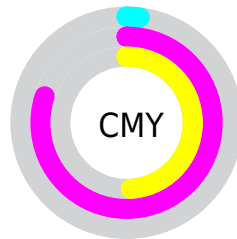


Cyan (0%)

Magenta (80%)

Yellow (48%)

Black (2%)



Cyan (2%)


Magenta (80%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.9200, 93.5200, 67.2800 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 118.9200, 93.5200, 67.2800 by changing the saturation by 10% instead.


 118.9200, 93.5200,
67.2800


 118.9200, 93.5200,
67.2800


255.0000, -0.0000,
-0.0000


 77.4510, 96.8190,
79.0830


 165.7860, 61.0620,
49.7820


 65.1470, 85.4510,
64.8350


 186.4740, 44.1450,
42.4890


 53.3700, 74.0370,
51.4210


 207.3900, 26.5860,
35.8180

 41.8920, 63.2190,
38.2190

 226.8240, 13.2000,
25.1040

 30.2290, 51.4840,
25.1160

 244.4340, 4.9500,
9.4140

 20.0760, 38.3730,
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 118.9200, 93.5200,
67.2800

■ 118.9200, 93.5200,
67.2800

■ 102.5350,
105.2100, 75.6900

■ 135.3050, 81.8300,
58.8700

■ 86.1500, 116.9000,
84.1000

■ 151.6900, 70.1400,
50.4600

■ 168.0750, 58.4500,
42.0500

■ 184.4600, 46.7600,
33.6400

■ 200.8450, 35.0700,
25.2300

217.2300, 23.3800,
16.8200

233.6150, 11.6900,
8.4100

250.0000, 0.0000,
0.0000

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



132.1490, 47.5790, 68.3710



118.9200, 93.5200, 67.2800



122.9180, 103.8880, 33.5520

Triad

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



118.9200, 93.5200, 67.2800



114.9380, 9.4560, -61.2640



121.2290, -125.0300, -2.8060

Complementary

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



118.9200, 93.5200, 67.2800



181.0800, -93.5200, -67.2800

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.



119.9800, -111.8680, -21.0840



118.9200, 93.5200, 67.2800



102.0140, -66.7910, -61.5990

Square

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



118.9200, 93.5200, 67.2800



125.8890, 55.8510, -37.5330



112.3420, -90.3610, -41.9210



111.8370, -120.6300, 5.5620

Rectangle

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



118.9200, 93.5200, 67.2800



125.4400, 101.0970, 1.5210



112.3420, -90.3610, -41.9210



121.6220, -122.0030, -8.1070

Sweetspot

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



118.9200, 93.5200, 67.2800



214.9750, 28.6520, 20.3960



107.7830, 5.5320, 87.0040



103.6590, 17.5580, 12.1980



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.



118.9200, 93.5200, 67.2800



94.4270, 114.5620, 82.4180



119.7790, 114.5250, 33.5090



116.4570, 6.1430, 4.3110



65.1750, 88.2480, 63.7040



21.0890, 28.3310, 20.7070

Inverse Universe

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



118.9200, 93.5200, 67.2800



94.4270, 114.5620, 82.4180



180.2210, -114.5250, -33.5090



116.4570, 6.1430, 4.3110



65.1750, 88.2480, 63.7040



21.0890, 28.3310, 20.7070

Previews

White Background



This preview shows how the YIQ color 118.9200, 93.5200, 67.2800 looks on a white background.

Color Contrast Check

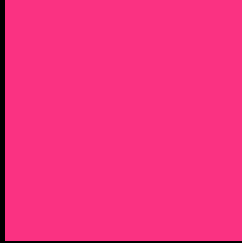
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9200, 93.5200, 67.2800 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 118.9200, 93.5200, 67.2800

Background



This preview shows how black text looks on a background with the YIQ color 118.9200, 93.5200, 67.2800.



This preview shows how white text looks on a background with the YIQ color 118.9200, 93.5200,

67.2800.

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

118.9200, 93.5200, 67.2800

Protanopia

135.9120, -19.7630, 11.2530

Deuteranopia

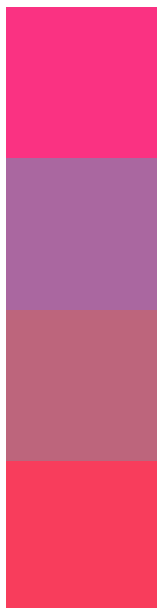
136.0360, 17.5140, 1.9780



Tritanopia

121.1620, 106.3170, 39.0930

Trichromacy



Original Color

118.9200, 93.5200, 67.2800

Protanomaly

129.5310, 21.6350, 31.9310

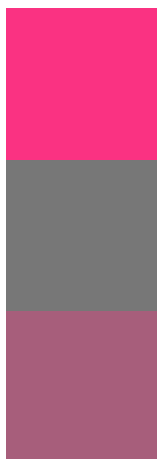
Deuteranomaly

129.9340, 45.0650, 25.8090

Tritanomaly

120.4470, 101.5010, 49.2850

Monochromacy



Original Color

118.9200, 93.5200, 67.2800

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1330, 34.1990, 24.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9200, 93.5200, 67.2800 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(250, 50, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 50, 130)  
}
```

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(250, 50, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 50, 130) }
```

Border

The CSS property to change the border of an element to YIQ 118.9200, 93.5200, 67.2800 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(250, 50, 130) }
```


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

```
.border{ border-color:rgb(250, 50, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 50, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 50, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 50, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 50,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9200, 93.5200, 67.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 50, 130) }
```

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

```
.background{ background-color: rgb(250, 50,  
130) }
```

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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