

Converting Colors

YIQ(122.1850, 91.4560, 71.6480)

Have a look what the booklet for
YIQ(122.1850, 91.4560, 71.6480)
contains.

YIQ(122.1850, 91.4560, 71.6480)	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(122.1850, 91.4560,
71.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	FE338F
RGB	254, 51, 143
RGB Percent	100%, 20%, 56%
CMY	0.0034, 0.8003, 0.4389
CMYK	0.00, 0.80, 0.44, 0.00
HSL	333°, 99%, 60%
HSV	333°, 80%, 100%
XYZ	47.0672, 25.4425, 28.4463
YIQ	122.1850, 91.4560, 71.6480

Conversions

Conversions Part 2

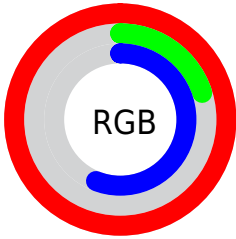
Format	Color
R_{YB}	254, 51, 143
Decimal	16659343
CIE _{Lab}	57.50, 78.75, -1.12
CIE _{LCh}	58, 78.756, 359.182
Yxy	25.4425, 0.4662, 0.2520
Android (android.graphics.Color)	4294849423 (0xFFFE338F)
YUV	122.1850, 10.2618, 115.6018
Hunter-Lab	50.4405, 78.2913, 1.8713

Details

The YIQ color **122.1850, 91.4560, 71.6480** 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 **182.8150, -91.4560, -71.6480**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **168.5560, 56.0180, 53.0900**, and **67.7110, 83.9830, 69.4150** is the 20% darker color. If you saturate the color by 10%, you get **105.9140, 102.8250, 80.3690**, and if you desaturate by 10%, it is **138.4560, 80.0870, 62.9270**.

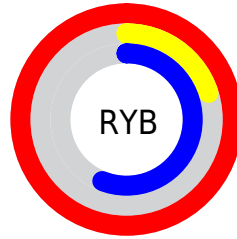
Distribution



Red (100%)

Green (20%)

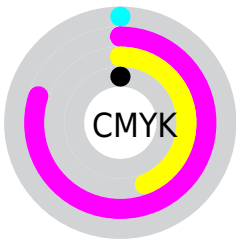
Blue (56%)



Red (100%)

Yellow (20%)

Blue (56%)

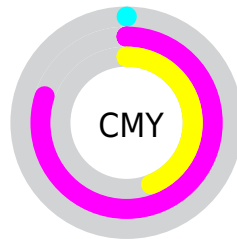


Cyan (0%)

Magenta (80%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.1850, 91.4560, 71.6480 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 122.1850, 91.4560, 71.6480 by changing the saturation by 10% instead.

122.1850, 91.4560,
71.6480

122.1850, 91.4560,
71.6480

255.0000, -0.0000,
-0.0000

80.1290, 95.0300,
83.9740

167.9690, 56.2930,
53.6130

67.7110, 83.9830,
69.4150

189.3580, 38.7800,
46.1080

56.1190, 73.4860,
55.9020

210.1600, 21.5420,
39.1260

44.3420, 62.0720,
42.4880

227.9980, 12.6500,
24.0580

32.9780, 50.9330,
29.5970

245.6080, 4.4000,
8.3680

21.6850, 41.0320,
16.2960

11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 122.1850, 91.4560,
71.6480

■ 122.1850, 91.4560,
71.6480

■ 105.9140,
102.8250, 80.3690

■ 138.4560, 80.0870,
62.9270

■ 89.0560, 114.4690,
89.6130

■ 155.3140, 68.4430,
53.6830

■ 171.5850, 57.0740,
44.9620

■ 188.4430, 45.4300,
35.7180

■ 204.7140, 34.0610,
26.9970

■ 220.8710, 23.0130,
17.9650

■ 237.7290, 11.3690,
8.7210

■ 254.0000, -0.0000,
-0.0000

■ 254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



136.9570, 39.3720, 68.4280



122.1850, 91.4560, 71.6480



124.5150, 106.8210, 40.9730

Triad

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



122.1850, 91.4560, 71.6480



119.7110, 17.5250, -58.8190



124.1640, -126.4050, -5.4210

Complementary

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



122.1850, 91.4560, 71.6480



182.8150, -91.4560, -71.6480

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.



121.8720, -111.6840, -24.4200



122.1850, 91.4560, 71.6480



102.6350, -64.4060, -66.2780

Square

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



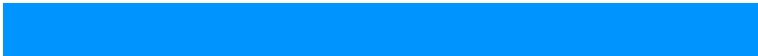
122.1850, 91.4560, 71.6480



129.4770, 63.0030, -34.9890



113.8920, -89.2140, -46.1900



115.9460, -122.5550, 1.9010

Rectangle

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



122.1850, 91.4560, 71.6480



128.5640, 103.9840, 9.7760



113.8920, -89.2140, -46.1900



124.4430, -123.0570, -11.0330

Sweetspot

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



122.1850, 91.4560, 71.6480



215.4310, 27.3680, 21.6400



106.4340, -0.7950, 86.0290



103.8870, 16.9160, 12.8200



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.



122.1850, 91.4560, 71.6480



95.9090, 110.3890, 86.4610



115.8060, 119.0630, 39.3750



119.5710, 5.8220, 4.6220



67.0270, 85.9090, 67.5490



22.4420, 28.8350, 22.5870

Inverse Universe

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



122.1850, 91.4560, 71.6480



95.9090, 110.3890, 86.4610



189.1940, -119.0630, -39.3750



119.5710, 5.8220, 4.6220



67.0270, 85.9090, 67.5490



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 122.1850, 91.4560, 71.6480 looks on a white background.

Color Contrast Check

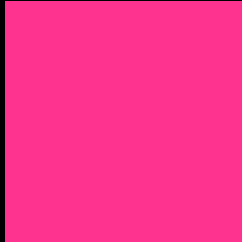
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.1850, 91.4560, 71.6480 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 122.1850, 91.4560, 71.6480

Background



This preview shows how black text looks on a background with the YIQ color 122.1850, 91.4560, 71.6480.



This preview shows how white text looks on a background with the YIQ color 122.1850, 91.4560,

71.6480.

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

122.1850, 91.4560, 71.6480

Protanopia

138.8280, -28.1540, 14.6460

Deuteranopia

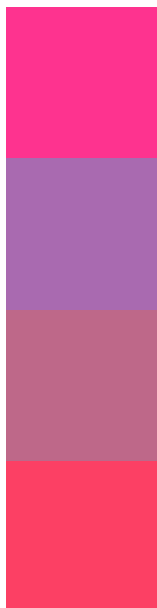
139.8660, 12.2410, 3.9290



Tritanopia

125.5640, 105.1250, 38.6690

Trichromacy



Original Color

122.1850, 91.4560, 71.6480

Protanomaly

132.8170, 15.0780, 35.1260

Deuteranomaly

133.4760, 40.6630, 28.4950

Tritanomaly

124.3160, 100.4920, 51.0520

Monochromacy



Original Color

122.1850, 91.4560, 71.6480

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0020, 33.1900, 26.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.1850, 91.4560, 71.6480 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(254, 51, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 51, 143)  
}
```

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(254, 51, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 51, 143) }
```

Border

The CSS property to change the border of an element to YIQ 122.1850, 91.4560, 71.6480 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(254, 51, 143) }
```


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

```
.border{ border-color:rgb(254, 51, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 51, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 51, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 51, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 51,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 122.1850, 91.4560, 71.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 51, 143) }
```

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

```
.background{ background-color: rgb(254, 51,  
143) }
```

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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