

Converting Colors

YIQ(118.5750, 81.3700, 67.2100)

Have a look what the booklet for
YIQ(118.5750, 81.3700, 67.2100)
contains.

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Color

**YIQ(118.5750, 81.3700,
67.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	EE358F
RGB	238, 53, 143
RGB Percent	93%, 21%, 56%
CMY	0.0662, 0.7924, 0.4390
CMYK	0.00, 0.78, 0.40, 0.07
HSL	331°, 85%, 57%
HSV	331°, 78%, 93%
XYZ	41.5348, 22.7233, 28.2092
YIQ	118.5750, 81.3700, 67.2100

Conversions

Conversions Part 2

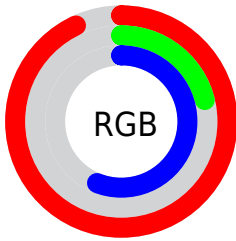
Format	Color
R _Y B	238, 53, 143
Decimal	15611279
CIE Lab	54.79, 74.31, -5.45
CIE LCh	55, 74.514, 355.803
Yxy	22.7233, 0.4492, 0.2457
Android (android.graphics.Color)	4293801359 (0xFFEE358F)
YUV	118.5750, 12.0415, 104.7357
Hunter-Lab	47.6690, 72.1093, -1.7179

Details

The YIQ color **118.5750, 81.3700, 67.2100** 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 **172.4250, -81.3700, -67.2100**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **167.9690, 56.2930, 53.6130**, and **63.5250, 75.6390, 66.4470** is the 20% darker color. If you saturate the color by 10%, you get **103.1190, 91.8220, 76.0300**, and if you desaturate by 10%, it is **134.0310, 70.9180, 58.3900**.

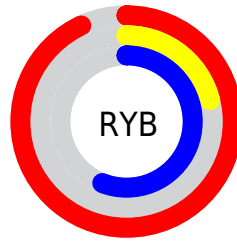
Distribution



Red (93%)

Green (21%)

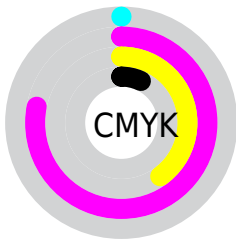
Blue (56%)



Red (93%)

Yellow (21%)

Blue (56%)

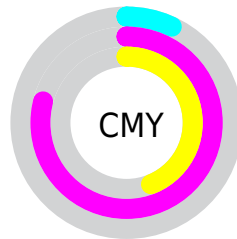


Cyan (0%)

Magenta (78%)

Yellow (40%)

Black (7%)



Cyan (7%)


Magenta (79%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.5750, 81.3700, 67.2100 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 118.5750, 81.3700, 67.2100 by changing the saturation by 10% instead.


 118.5750, 81.3700,
67.2100


 118.5750, 81.3700,
67.2100


255.0000, -0.0000,
-0.0000


 75.3450, 85.4940,
80.5820


 167.3820, 56.5680,
54.1360


 63.5250, 75.6390,
66.4470


 188.1840, 39.3300,
47.1540


 51.5200, 64.8670,
52.4110


 208.9860, 22.0920,
40.1720

 40.0420, 54.0490,
39.2090

 226.8240, 13.2000,
25.1040

 29.0910, 43.1850,
26.8410

 244.4340, 4.9500,
9.4140

 17.8690, 34.5220,
13.1300

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 118.5750, 81.3700,
67.2100

■ 118.5750, 81.3700,
67.2100

■ 103.1190, 91.8220,
76.0300

■ 134.0310, 70.9180,
58.3900

■ 87.6630, 102.2740,
84.8500

■ 149.6010, 60.1450,
49.8810

■ 84.3860, 104.6120,
86.5320

■ 164.4700, 49.9680,
41.5840

■ 179.9260, 39.5160,
32.7640

■ 195.3820, 29.0640,
23.9440

210.8380, 18.6120,
15.1240

226.4080, 7.8390,
6.6150

241.2770, -2.3380,
-1.6820

249.6890, -9.4900,
-4.2260

Harmonies

Analogous

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



131.8800, 29.1030, 61.7990



118.5750, 81.3700, 67.2100



117.7470, 100.3560, 42.5000

Triad

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



118.5750, 81.3700, 67.2100



115.6240, 22.3840, -53.2640



118.1170, -119.0230, -7.0470

Complementary

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



118.5750, 81.3700, 67.2100



172.4250, -81.3700, -67.2100

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.



114.5370, -103.4310, -25.3110



118.5750, 81.3700, 67.2100



96.3260, -59.0420, -64.3700

Square

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



118.5750, 81.3700, 67.2100



123.0090, 64.5610, -30.1830



107.0130, -82.2450, -45.8370



112.4240, -120.9050, 5.0390

Rectangle

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



118.5750, 81.3700, 67.2100



122.0890, 98.2520, 14.5400



107.0130, -82.2450, -45.8370



117.5810, -114.7580, -12.7580

Sweetspot

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



118.5750, 81.3700, 67.2100



216.9470, 25.8550, 21.5270



101.8970, -3.9570, 77.2510



104.7020, 15.9990, 12.9190



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.



118.5750, 81.3700, 67.2100



101.9730, 104.3370, 86.0090



108.3150, 110.2600, 39.2200



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Inverse Universe

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



118.5750, 81.3700, 67.2100



101.9730, 104.3370, 86.0090



182.6850, -110.2600, -39.2200



112.2720, 5.2260, 4.4100



65.1620, 81.0950, 66.6870



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 118.5750, 81.3700, 67.2100 looks on a white background.

Color Contrast Check

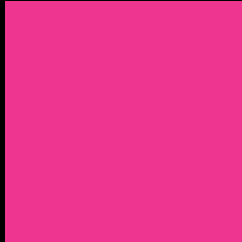
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5750, 81.3700, 67.2100 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 118.5750, 81.3700, 67.2100

Background



This preview shows how black text looks on a background with the YIQ color 118.5750, 81.3700, 67.2100.



This preview shows how white text looks on a background with the YIQ color 118.5750, 81.3700,

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

118.5750, 81.3700, 67.2100

Protanopia

131.3870, -31.2260, 15.2540

Deuteranopia

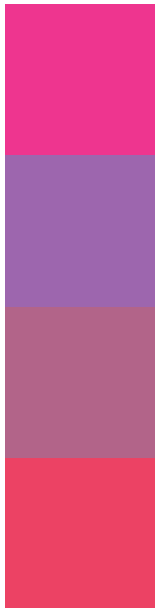
132.5820, 7.2890, 5.5690



Tritanopia

121.4810, 94.9930, 35.0650

Trichromacy



Original Color

118.5750, 81.3700, 67.2100

Protanomaly

126.6530, 9.6680, 34.0520

Deuteranomaly

127.5400, 34.6110, 28.0430

Tritanomaly

120.7060, 90.4060, 46.6140

Monochromacy



Original Color

118.5750, 81.3700, 67.2100

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7950, 29.3390, 24.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5750, 81.3700, 67.2100 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(238, 53, 143)` looks like.

```
.text, #text, p{  
    color:rgb(238, 53, 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(238, 53, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 53, 143) }
```

Border

The CSS property to change the border of an element to YIQ 118.5750, 81.3700, 67.2100 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(238, 53, 143) }
```


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

```
.border{ border-color:rgb(238, 53, 143) }
```

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

Here you see how a box with a 4 pixel rgb(238, 53, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 53, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 53, 143);  
box-shadow:4px 4px 4px 4px rgb(238, 53,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5750, 81.3700, 67.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 53, 143) }
```

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

```
.background{ background-color: rgb(238, 53,  
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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