

Converting Colors

YIQ(135.5470, 69.4050, 58.2770)

Have a look what the booklet for
YIQ(135.5470, 69.4050, 58.2770)
contains.

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Color

**YIQ(135.5470, 69.4050,
58.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4F9E
RGB	238, 79, 158
RGB Percent	93%, 31%, 62%
CMY	0.0662, 0.6904, 0.3802
CMYK	0.00, 0.67, 0.34, 0.07
HSL	330°, 82%, 62%
HSV	330°, 67%, 93%
XYZ	44.2640, 26.2489, 35.1060
YIQ	135.5470, 69.4050, 58.2770

Conversions

Conversions Part 2

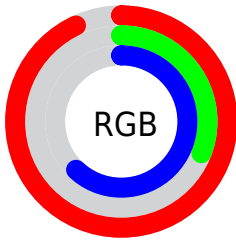
Format	Color
R _Y B	238, 79, 158
Decimal	15617950
CIE Lab	58.27, 67.42, -9.09
CIE LCh	58, 68.031, 352.325
Yxy	26.2489, 0.4191, 0.2485
Android (android.graphics.Color)	4293808030 (0xFFEE4F9E)
YUV	135.5470, 11.0693, 89.8513
Hunter-Lab	51.2337, 64.5584, -4.7627

Details

The YIQ color **135.5470, 69.4050, 58.2770** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **181.4530, -69.4050, -58.2770**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.9460, 45.9320, 48.6520**, and **65.4200, 71.7410, 71.0130** is the 20% darker color. If you saturate the color by 10%, you get **120.0910, 79.8570, 67.0970**, and if you desaturate by 10%, it is **151.0030, 58.9530, 49.4570**.

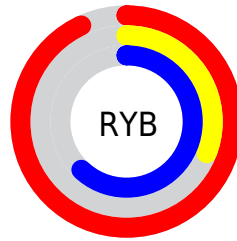
Distribution



Red (93%)

Green (31%)

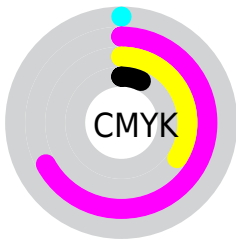
Blue (62%)



Red (93%)

Yellow (31%)

Blue (62%)

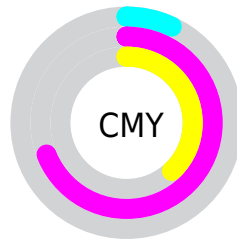


Cyan (0%)

Magenta (67%)

Yellow (34%)

Black (7%)



Cyan (7%)


Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.5470, 69.4050, 58.2770 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 135.5470, 69.4050, 58.2770 by changing the saturation by 10% instead.


 135.5470, 69.4050,
58.2770


 135.5470, 69.4050,
58.2770


255.0000, -0.0000,
-0.0000


 104.2420, 68.9460,
61.0900


 180.9460, 45.9320,
48.6520

 65.4200, 71.7410,
71.0130


 201.1610, 28.9690,
42.1930


 53.7140, 61.5650,
57.1890

 220.3670, 16.2250,
30.8570

 42.4210, 51.6640,
43.8880

 237.3900, 8.2500,
15.6900

 31.2420, 41.4420,
30.8980

 21.0740, 32.6870,
18.8550

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 135.5470, 69.4050,
58.2770

■ 135.5470, 69.4050,
58.2770

■ 120.0910, 79.8570,
67.0970

■ 151.0030, 58.9530,
49.4570

■ 104.6350, 90.3090,
75.9170

■ 166.4590, 48.5010,
40.6370

■ 89.7660, 100.4860,
84.2140

■ 181.3280, 38.3240,
32.3400

■ 84.6140, 103.9700,
87.1540

■ 196.7840, 27.8720,
23.5200

■ 212.2400, 17.4200,
14.7000

■ 227.6960, 6.9680,
5.8800

■ 243.1520, -3.4840,
-2.9400

■ 249.8030, -9.8110,
-3.9150

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



143.4610, 19.7970, 54.2370



135.5470, 69.4050, 58.2770



132.6750, 91.6910, 39.8430

Triad

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



135.5470, 69.4050, 58.2770



125.4250, 33.2500, -51.9500



122.3570, -119.9390, -12.4750

Complementary

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



135.5470, 69.4050, 58.2770



181.4530, -69.4050, -58.2770

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.



119.0050, -104.9890, -30.1170



135.5470, 69.4050, 58.2770



112.3390, -42.7210, -57.2890

Square

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



135.5470, 69.4050, 58.2770



131.6030, 71.5760, -30.6640



111.3500, -84.8120, -48.8760



118.2940, -123.6550, -0.1910

Rectangle

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



135.5470, 69.4050, 58.2770



134.2610, 92.0160, 17.4240



111.3500, -84.8120, -48.8760



121.8210, -115.6740, -18.1860

Sweetspot

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



135.5470, 69.4050, 58.2770



222.0990, 22.3710, 18.5870



121.0460, -3.3590, 66.4090



107.9790, 13.6610, 11.2370



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.



135.5470, 69.4050, 58.2770



123.5100, 89.1630, 74.6590



126.5410, 94.7640, 33.7080



112.2720, 5.2260, 4.4100



65.3900, 80.4530, 67.3090



19.9360, 24.3880, 20.5800

Inverse Universe

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



135.5470, 69.4050, 58.2770



123.5100, 89.1630, 74.6590



190.4590, -94.7640, -33.7080



112.2720, 5.2260, 4.4100



65.3900, 80.4530, 67.3090



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 135.5470, 69.4050, 58.2770 looks on a white background.

Color Contrast Check

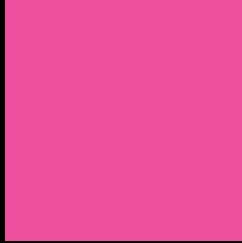
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.5470, 69.4050, 58.2770 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 135.5470, 69.4050, 58.2770

Background



This preview shows how black text looks on a background with the YIQ color 135.5470, 69.4050, 58.2770.



This preview shows how white text looks on a background with the YIQ color 135.5470, 69.4050,

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

135.5470, 69.4050, 58.2770

Protanopia

140.6430, -29.0710, 14.7450

Deuteranopia

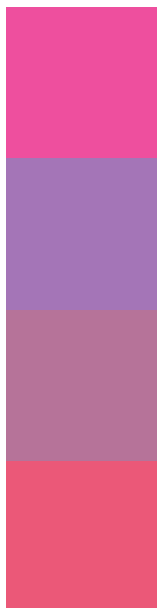
141.7820, 3.8500, 7.3220



Tritanopia

135.8430, 82.1100, 31.7580

Trichromacy



Original Color

135.5470, 69.4050, 58.2770

Protanomaly

138.5770, 6.8260, 30.4900

Deuteranomaly

139.3650, 27.7340, 26.0220

Tritanomaly

135.6010, 77.3400, 41.1160

Monochromacy



Original Color

135.5470, 69.4050, 58.2770

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.6480, 25.2590, 21.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.5470, 69.4050, 58.2770 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, 79, 158)` looks like.

```
.text, #text, p{  
    color:rgb(238, 79, 158)  
}
```

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, 79, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 79, 158) }
```

Border

The CSS property to change the border of an element to YIQ 135.5470, 69.4050, 58.2770 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, 79, 158) }
```


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

```
.border{ border-color:rgb(238, 79, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 79, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 79, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 79, 158);  
box-shadow:4px 4px 4px 4px rgb(238, 79,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 135.5470, 69.4050, 58.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 79, 158) }
```

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

```
.background{ background-color: rgb(238, 79,  
158) }
```

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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