

Converting Colors

YIQ(135.2770, 69.8650, 49.9370)

Have a look what the booklet for
YIQ(135.2770, 69.8650, 49.9370)
contains.

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Color

**YIQ(135.2770, 69.8650,
49.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	E9548F
RGB	233, 84, 143
RGB Percent	91%, 33%, 56%
CMY	0.0859, 0.6708, 0.4390
CMYK	0.00, 0.64, 0.39, 0.09
HSL	336°, 77%, 62%
HSV	336°, 64%, 91%
XYZ	41.7647, 25.6563, 28.7610
YIQ	135.2770, 69.8650, 49.9370

Conversions

Conversions Part 2

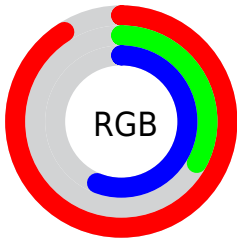
Format	Color
R _Y B	233, 84, 143
Decimal	15291535
CIE Lab	57.71, 62.41, -1.24
CIE LCh	58, 62.425, 358.862
Yxy	25.6563, 0.4342, 0.2667
Android (android.graphics.Color)	4293481615 (0xFFE9548F)
YUV	135.2770, 3.8074, 85.7031
Hunter-Lab	50.6521, 58.5394, 1.7908

Details

The YIQ color **135.2770, 69.8650, 49.9370** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **181.7230, -69.8650, -49.9370**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.4700, 49.9680, 41.5840**, and **69.9600, 69.6800, 58.8000** is the 20% darker color. If you saturate the color by 10%, you get **120.1800, 80.6840, 57.6120**, and if you desaturate by 10%, it is **150.3740, 59.0460, 42.2620**.

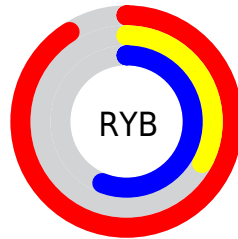
Distribution



Red (91%)

Green (33%)

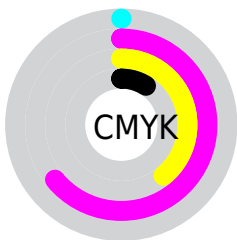
Blue (56%)



Red (91%)

Yellow (33%)

Blue (56%)

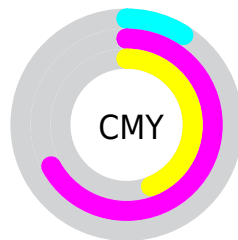


Cyan (0%)

Magenta (64%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.2770, 69.8650, 49.9370 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 135.2770, 69.8650, 49.9370 by changing the saturation by 10% instead.


 135.2770, 69.8650,
49.9370


 135.2770, 69.8650,
49.9370


255.0000, -0.0000,
-0.0000


 105.8470, 68.2600,
51.4920


 181.4700, 49.9680,
41.5840


 69.3730, 69.9550,
59.3230


 201.6850, 33.0050,
35.1250


 50.7370, 62.7580,
52.0860

 221.3130, 16.3170,
29.1890

 39.4440, 52.8570,
38.7850

 239.1510, 7.4250,
14.1210

 28.4930, 41.9930,
26.4170

 17.9830, 34.2010,
13.4410

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 135.2770, 69.8650,
49.9370

■ 135.2770, 69.8650,
49.9370

■ 120.1800, 80.6840,
57.6120

■ 150.3740, 59.0460,
42.2620

■ 104.4960, 91.7780,
65.8100

■ 166.0580, 47.9520,
34.0640

■ 89.3990, 102.5970,
73.4850

■ 181.1550, 37.1330,
26.3890

■ 80.1550, 109.3360,
78.0080

■ 196.2520, 26.3140,
18.7140

■ 211.3490, 15.4950,
11.0390

■ 227.0330, 4.4010,
2.8410

■ 242.2440, -6.7390,
-4.5230

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



141.4420, 29.9760, 51.4800



135.2770, 69.8650, 49.9370



133.8170, 84.9990, 28.9590

Triad

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



135.2770, 69.8650, 49.9370



125.7300, 16.5140, -45.9980



119.1940, -117.9220, -10.4820

Complementary

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



135.2770, 69.8650, 49.9370



181.7230, -69.8650, -49.9370

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.



117.9280, -106.0900, -26.6820



135.2770, 69.8650, 49.9370



105.6170, -63.9950, -57.2030

Square

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



135.2770, 69.8650, 49.9370



129.2920, 62.0860, -34.8900



111.6580, -88.4350, -43.7870



113.9740, -119.7580, 0.7700

Rectangle

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



135.2770, 69.8650, 49.9370



134.2010, 83.0770, 8.7170



111.6580, -88.4350, -43.7870



119.5870, -114.8950, -15.7830

Sweetspot

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



135.2770, 69.8650, 49.9370



223.5180, 22.5090, 16.0850



127.5970, 5.2150, 65.2070



108.3380, 14.0280, 10.0920



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.



135.2770, 69.8650, 49.9370



126.3820, 92.0990, 65.4990



137.3560, 84.6790, 23.7430



109.7450, 5.2720, 3.5760



62.3270, 84.7640, 60.7640



18.5400, 25.4430, 17.9790

Inverse Universe

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



135.2770, 69.8650, 49.9370



126.3820, 92.0990, 65.4990



179.6440, -84.6790, -23.7430



109.7450, 5.2720, 3.5760



62.3270, 84.7640, 60.7640



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 135.2770, 69.8650, 49.9370 looks on a white background.

Color Contrast Check

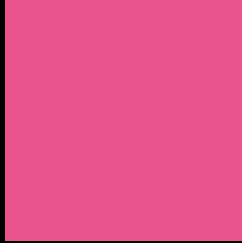
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2770, 69.8650, 49.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

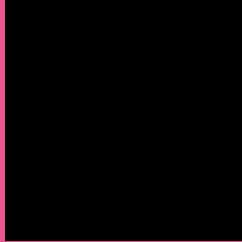
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.2770, 69.8650, 49.9370

Background



This preview shows how black text looks on a background with the YIQ color 135.2770, 69.8650, 49.9370.



This preview shows how white text looks on a background with the YIQ color 135.2770, 69.8650,

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

135.2770, 69.8650, 49.9370

Protanopia

139.7550, -17.8830, 10.2210

Deuteranopia

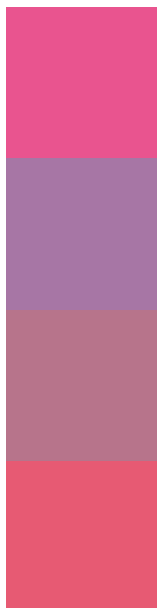
140.2080, 11.2780, 4.8620



Tritanopia

134.6470, 79.7260, 30.9100

Trichromacy



Original Color

135.2770, 69.8650, 49.9370

Protanomaly

138.0090, 14.1170, 25.0050

Deuteranomaly

138.6550, 32.5490, 21.3570

Tritanomaly

135.0090, 76.0110, 37.6670

Monochromacy



Original Color

135.2770, 69.8650, 49.9370

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9530, 25.7180, 18.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.2770, 69.8650, 49.9370 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(233, 84, 143)` looks like.

```
.text, #text, p{  
    color:rgb(233, 84, 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(233, 84, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 84, 143) }
```

Border

The CSS property to change the border of an element to YIQ 135.2770, 69.8650, 49.9370 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(233, 84, 143) }
```


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

```
.border{ border-color:rgb(233, 84, 143) }
```

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

Here you see how a box with a 4 pixel rgb(233, 84, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 84, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 84, 143);  
box-shadow:4px 4px 4px 4px rgb(233, 84,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 135.2770, 69.8650, 49.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 84, 143) }
```

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

```
.background{ background-color: rgb(233, 84,  
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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