

Converting Colors

YIQ(137.8640, 69.5900, 49.4140)

Have a look what the booklet for
YIQ(137.8640, 69.5900, 49.4140)
contains.

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Color

**YIQ(137.8640, 69.5900,
49.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5791
RGB	235, 87, 145
RGB Percent	92%, 34%, 57%
CMY	0.0780, 0.6590, 0.4311
CMYK	0.00, 0.63, 0.38, 0.08
HSL	336°, 79%, 63%
HSV	336°, 63%, 92%
XYZ	42.8122, 26.5315, 29.6766
YIQ	137.8640, 69.5900, 49.4140

Conversions

Conversions Part 2

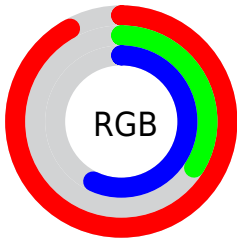
Format	Color
R _Y B	235, 87, 145
Decimal	15423377
CIE Lab	58.54, 61.99, -1.16
CIE LCh	59, 62.003, 358.929
Yxy	26.5315, 0.4324, 0.2679
Android (android.graphics.Color)	4293613457 (0xFFEB5791)
YUV	137.8640, 3.5180, 85.1883
Hunter-Lab	51.5088, 58.2224, 1.8964

Details

The YIQ color **137.8640, 69.5900, 49.4140** 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 **184.1360, -69.5900, -49.4140**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4590, 48.5010, 40.6370**, and **74.8950, 68.3050, 56.1850** is the 20% darker color. If you saturate the color by 10%, you get **122.1800, 80.6840, 57.6120**, and if you desaturate by 10%, it is **152.9610, 58.7710, 41.7390**.

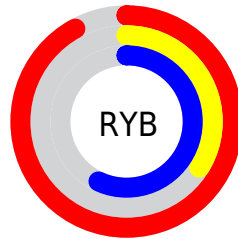
Distribution



Red (92%)

Green (34%)

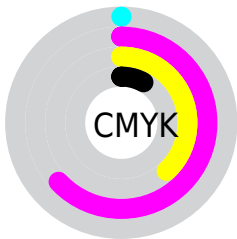
Blue (57%)



Red (92%)

Yellow (34%)

Blue (57%)

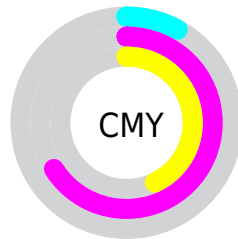


Cyan (0%)

Magenta (63%)

Yellow (38%)

Black (8%)



Cyan (8%)

Magenta (66%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.8640, 69.5900, 49.4140 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 137.8640, 69.5900, 49.4140 by changing the saturation by 10% instead.


 137.8640, 69.5900,
49.4140


 137.8640, 69.5900,
49.4140


255.0000, -0.0000,
-0.0000


 108.3200, 68.3060,
50.6580


 183.4590, 48.5010,
40.6370


 74.3080, 68.5800,
56.7080


 203.0870, 31.8130,
34.7010


 51.4490, 63.6290,
52.8210

 223.3020, 14.8500,
28.2420

 40.2700, 53.4070,
39.8310

 240.9120, 6.6000,
12.5520

 29.2050, 42.8640,
27.1520

 18.8800, 35.9890,
14.0770

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 137.8640, 69.5900,
49.4140

■ 137.8640, 69.5900,
49.4140

■ 122.1800, 80.6840,
57.6120

■ 152.9610, 58.7710,
41.7390

■ 106.9690, 91.8240,
64.9760

■ 168.7590, 47.3560,
33.8520

■ 91.2850, 102.9180,
73.1740

■ 183.8560, 36.5370,
26.1770

■ 80.7530, 110.5280,
78.4320

■ 199.5400, 25.4430,
17.9790

■ 214.7510, 14.3030,
10.6150

■ 230.4350, 3.2090,
2.4170

■ 246.1190, -7.8850,
-5.7810

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



144.0290, 29.7010, 50.9570



137.8640, 69.5900, 49.4140



135.9310, 84.6780, 29.2700

Triad

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



137.8640, 69.5900, 49.4140



128.2570, 16.4680, -45.1640



120.4820, -118.7930, -11.2170

Complementary

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



137.8640, 69.5900, 49.4140



184.1360, -69.5900, -49.4140

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.



119.3300, -107.2820, -27.1060



137.8640, 69.5900, 49.4140



110.1230, -59.5480, -55.1960

Square

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



137.8640, 69.5900, 49.4140



132.4490, 60.2060, -33.8580



113.0600, -89.6270, -44.2110



115.3760, -120.9500, 0.3460

Rectangle

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



137.8640, 69.5900, 49.4140



136.3150, 82.7560, 9.0280



113.0600, -89.6270, -44.2110



120.9890, -116.0870, -16.2070

Sweetspot

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



137.8640, 69.5900, 49.4140



223.5180, 22.5090, 16.0850



130.4830, 5.5360, 64.8960



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.



137.8640, 69.5900, 49.4140



127.6700, 91.2280, 64.7640



140.0570, 84.0830, 23.5310



109.7450, 5.2720, 3.5760



62.2130, 85.0850, 60.4530



18.5400, 25.4430, 17.9790

Inverse Universe

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



137.8640, 69.5900, 49.4140



127.6700, 91.2280, 64.7640



181.9430, -84.0830, -23.5310



109.7450, 5.2720, 3.5760



62.2130, 85.0850, 60.4530



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 137.8640, 69.5900, 49.4140 looks on a white background.

Color Contrast Check

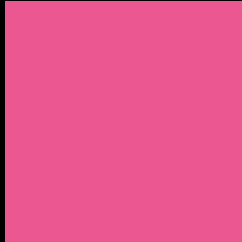
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8640, 69.5900, 49.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

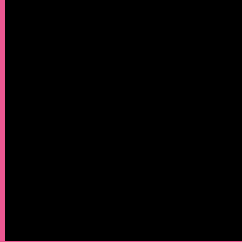
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8640, 69.5900, 49.4140

Background



This preview shows how black text looks on a background with the YIQ color 137.8640, 69.5900, 49.4140.



This preview shows how white text looks on a background with the YIQ color 137.8640, 69.5900,

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

137.8640, 69.5900, 49.4140

Protanopia

141.9400, -16.9660, 10.1220

Deuteranopia

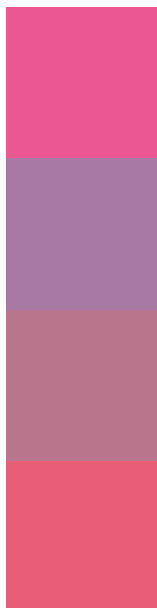
142.7950, 11.0030, 4.3390



Tritanopia

137.3480, 79.1300, 30.6980

Trichromacy



Original Color

137.8640, 69.5900, 49.4140

Protanomaly

140.4820, 14.1630, 24.1710

Deuteranomaly

141.2420, 32.2740, 20.8340

Tritanomaly

137.7100, 75.4150, 37.4550

Monochromacy



Original Color

137.8640, 69.5900, 49.4140

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6540, 25.1220, 18.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8640, 69.5900, 49.4140 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(235, 87, 145)` looks like.

```
.text, #text, p{  
    color:rgb(235, 87, 145)  
}
```

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(235, 87, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 87, 145) }
```

Border

The CSS property to change the border of an element to YIQ 137.8640, 69.5900, 49.4140 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(235, 87, 145) }
```


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

```
.border{ border-color:rgb(235, 87, 145) }
```

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

Here you see how a box with a 4 pixel rgb(235, 87, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 87, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 87, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 87,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8640, 69.5900, 49.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 87, 145) }
```

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

```
.background{ background-color: rgb(235, 87,  
145) }
```

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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