

Converting Colors

YIQ(137.8170, 67.8040, 37.7240)

Have a look what the booklet for
YIQ(137.8170, 67.8040, 37.7240)
contains.

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Color

**YIQ(137.8170, 67.8040,
37.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	E25F7F
RGB	226, 95, 127
RGB Percent	89%, 37%, 50%
CMY	0.1134, 0.6276, 0.5017
CMYK	0.00, 0.58, 0.44, 0.11
HSL	345°, 69%, 63%
HSV	345°, 58%, 89%
XYZ	39.3126, 25.8909, 23.0254
YIQ	137.8170, 67.8040, 37.7240

Conversions

Conversions Part 2

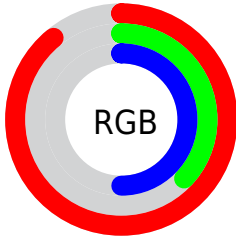
Format	Color
R_{YB}	226, 95, 127
Decimal	14835583
CIE _{Lab}	57.93, 53.86, 8.32
CIE _{LCh}	58, 54.496, 8.778
Yxy	25.8909, 0.4456, 0.2935
Android (android.graphics.Color)	4293025663 (0xFFE25F7F)
YUV	137.8170, -5.3328, 77.3365
Hunter-Lab	50.8831, 48.8651, 8.7885

Details

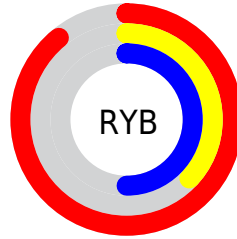
The YIQ color **137.8170, 67.8040, 37.7240** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **183.1830, -67.8040, -37.7240**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8150, 52.9500, 31.5900**, and **80.8320, 63.4480, 39.5760** is the 20% darker color. If you saturate the color by 10%, you get **122.3780, 79.5860, 44.4660**, and if you desaturate by 10%, it is **153.2560, 56.0220, 30.9820**.

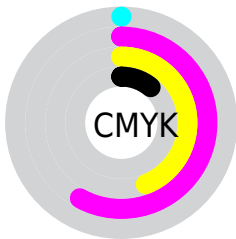
Distribution



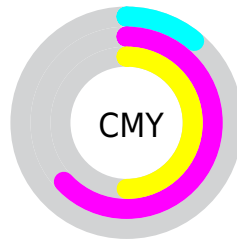
- Red (89%)
- Green (37%)
- Blue (50%)



- Red (89%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.8170, 67.8040, 37.7240 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 137.8170, 67.8040, 37.7240 by changing the saturation by 10% instead.


 137.8170, 67.8040,
37.7240


 137.8170, 67.8040,
37.7240


255.0000, -0.0000,
-0.0000


 109.5610, 65.6490,
38.2330


 184.8150, 52.9500,
31.5900

 80.8320, 63.4480,
39.5760


 204.3290, 36.5830,
25.3430


 47.3470, 63.6760,
46.4600

 224.5440, 19.6200,
18.8840

 36.2820, 53.1330,
33.7810

 243.8470, 5.2250,
9.9370

 25.2880, 43.8280,
20.6920

 16.3740, 31.5420,
12.0700

 1.4950, 2.9800,

1.0600

■ 0.0000, 0.0000,
0.0000

■ 137.8170, 67.8040,
37.7240

■ 137.8170, 67.8040,
37.7240

■ 122.3780, 79.5860,
44.4660

■ 153.2560, 56.0220,
30.9820

■ 107.5260, 91.0930,
50.6850

■ 168.1080, 44.5150,
24.7630

■ 92.0870, 102.8750,
57.4270

■ 183.5470, 32.7330,
18.0210

■ 77.2350, 114.3820,
63.6460

■ 198.3990, 21.2260,
11.8020

■ 73.8440, 117.0410,
65.0170

■ 213.8380, 9.4440,
5.0600

■ 229.2770, -2.3380,
-1.6820

■ 244.2430,
-14.1660, -7.5900

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



142.0160, 39.7430, 45.1750



137.8170, 67.8040, 37.7240



137.0510, 75.0520, 16.4920

Triad

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



137.8170, 67.8040, 37.7240



126.5510, -1.7350, -40.1590



115.8030, -115.2630, -9.1110

Complementary

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



137.8170, 67.8040, 37.7240



183.1830, -67.8040, -37.7240

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.



117.0790, -107.8330, -22.6250



137.8170, 67.8040, 37.7240



105.6620, -77.0630, -51.6470

Square

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



137.8170, 67.8040, 37.7240



132.0200, 39.6650, -30.5350



112.4220, -93.3420, -37.4540



129.4870, -72.4900, 14.1820

Rectangle

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



137.8170, 67.8040, 37.7240



136.4610, 70.2410, -0.9510



112.4220, -93.3420, -37.4540



117.2390, -113.7950, -13.6910

Sweetspot

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



137.8170, 67.8040, 37.7240



225.9970, 22.4180, 12.2260



139.2360, 16.3570, 61.5170



110.4580, 13.5700, 7.3780



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.



137.8170, 67.8040, 37.7240



135.1240, 92.2850, 51.1090



153.5400, 69.0010, 10.5130



104.6310, 5.5930, 3.2650



57.5260, 91.0930, 50.6850



15.7200, 24.7560, 13.9080

Inverse Universe

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



137.8170, 67.8040, 37.7240



135.1240, 92.2850, 51.1090



167.4600, -69.0010, -10.5130



104.6310, 5.5930, 3.2650



57.5260, 91.0930, 50.6850



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 137.8170, 67.8040, 37.7240 looks on a white background.

Color Contrast Check

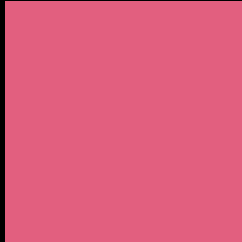
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8170, 67.8040, 37.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

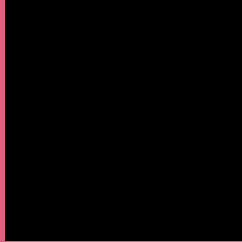
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8170, 67.8040, 37.7240

Background



This preview shows how black text looks on a background with the YIQ color 137.8170, 67.8040, 37.7240.



This preview shows how white text looks on a background with the YIQ color 137.8170, 67.8040,

37.7240.

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

137.8170, 67.8040, 37.7240

Protanopia

140.3680, -3.8520, 3.7320

Deuteranopia

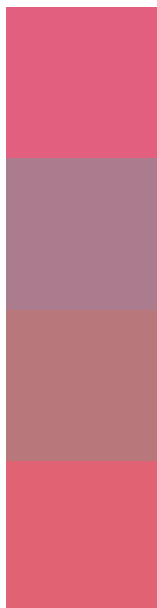
140.2920, 19.6690, 1.4690



Tritanopia

137.4720, 72.8490, 28.8890

Trichromacy



Original Color

137.8170, 67.8040, 37.7240

Protanomaly

139.5180, 22.5090, 16.0850

Deuteranomaly

139.4780, 37.1810, 14.5010

Tritanomaly

137.7970, 70.5560, 31.9000

Monochromacy



Original Color

137.8170, 67.8040, 37.7240

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7200, 24.7560, 13.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8170, 67.8040, 37.7240 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(226, 95, 127)` looks like.

```
.text, #text, p{  
    color:rgb(226, 95, 127)  
}
```

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(226, 95, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 95, 127) }
```

Border

The CSS property to change the border of an element to YIQ 137.8170, 67.8040, 37.7240 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(226, 95, 127) }
```


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

```
.border{ border-color:rgb(226, 95, 127) }
```

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

Here you see how a box with a 4 pixel rgb(226, 95, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 95, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 95, 127);  
box-shadow:4px 4px 4px 4px rgb(226, 95,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8170, 67.8040, 37.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 95, 127) }
```

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

```
.background{ background-color: rgb(226, 95,  
127) }
```

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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