

Converting Colors

YIQ(129.4040, 67.5290, 37.2010)

Have a look what the booklet for
YIQ(129.4040, 67.5290, 37.2010)
contains.

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Color

**YIQ(129.4040, 67.5290,
37.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	D95776
RGB	217, 87, 118
RGB Percent	85%, 34%, 46%
CMY	0.1487, 0.6590, 0.5370
CMYK	0.00, 0.60, 0.46, 0.15
HSL	346°, 63%, 60%
HSV	346°, 60%, 85%
XYZ	35.3177, 22.8816, 19.7141
YIQ	129.4040, 67.5290, 37.2010

Conversions

Conversions Part 2

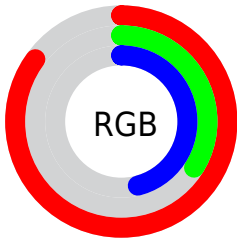
Format	Color
R_{YB}	217, 87, 118
Decimal	14243702
CIE _{Lab}	54.95, 53.64, 9.18
CIE _{LCh}	55, 54.424, 9.714
Yxy	22.8816, 0.4533, 0.2937
Android (android.graphics.Color)	4292433782 (0xFFD95776)
YUV	129.4040, -5.6222, 76.8217
Hunter-Lab	47.8347, 48.0807, 9.0492

Details

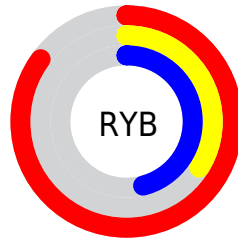
The YIQ color **129.4040, 67.5290, 37.2010** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **174.5960, -67.5290, -37.2010**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9790, 58.3600, 32.6640**, and **71.3590, 63.4020, 40.4100** is the 20% darker color. If you saturate the color by 10%, you get **114.6660, 78.7150, 43.7310**, and if you desaturate by 10%, it is **144.2560, 56.0220, 30.9820**.

Distribution



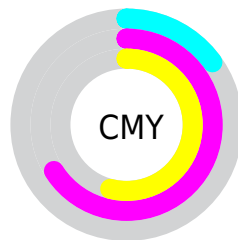
- Red (85%)
- Green (34%)
- Blue (46%)



- Red (85%)
- Yellow (34%)
- Blue (46%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (15%)




- Cyan (15%)
- Magenta (66%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.4040, 67.5290, 37.2010 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 129.4040, 67.5290, 37.2010 by changing the saturation by 10% instead.


 129.4040, 67.5290,
37.2010


 129.4040, 67.5290,
37.2010


255.0000, -0.0000,
-0.0000


 101.2620, 65.0530,
38.0210


 178.9790, 58.3600,
32.6640

 71.3590, 63.4020,
40.4100


 198.4930, 41.9930,
26.4170


 43.7440, 60.8800,
42.0640

 218.1210, 25.3050,
20.4810

 33.0920, 50.6120,
29.9080

 238.4500, 8.0210,
14.3330

 21.5280, 42.9120,
15.2640

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 129.4040, 67.5290,
37.2010

■ 129.4040, 67.5290,
37.2010

■ 114.6660, 78.7150,
43.7310

■ 144.2560, 56.0220,
30.9820

■ 100.4010, 89.9470,
49.4270

■ 158.4070, 45.1110,
24.9750

■ 85.6630, 101.1330,
55.9570

■ 173.2590, 33.6040,
18.7560

■ 70.8110, 112.6400,
62.1760

■ 187.9970, 22.4180,
12.2260

■ 202.2620, 11.1860,
6.5300

■ 217.0000, -0.0000,
0.0000

■ 231.8520,
-11.5070, -6.2190

■ 243.0680,
-21.0430, -9.6110

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



133.2010, 40.6600, 45.0760



129.4040, 67.5290, 37.2010



128.4530, 73.8600, 16.0680

Triad

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



129.4040, 67.5290, 37.2010



119.0670, -3.2480, -40.2720



110.1950, -110.4950, -7.4150

Complementary

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



129.4040, 67.5290, 37.2010



174.5960, -67.5290, -37.2010

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.



110.9980, -103.1110, -20.0950



129.4040, 67.5290, 37.2010



100.2820, -72.9370, -49.3290

Square

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



129.4040, 67.5290, 37.2010



124.1940, 39.1150, -31.5810



107.0420, -89.2160, -35.1360



121.6720, -71.5730, 14.0830

Rectangle

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



129.4040, 67.5290, 37.2010



128.4500, 68.7740, -1.8980



107.0420, -89.2160, -35.1360



111.0440, -108.7520, -11.4720

Sweetspot

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



129.4040, 67.5290, 37.2010



224.0080, 23.8850, 13.1730



131.1220, 16.6780, 61.2060



108.4690, 15.0370, 8.3250



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.



129.4040, 67.5290, 37.2010



131.0320, 95.5400, 52.6920



144.6540, 68.6800, 10.8240



102.5170, 5.9140, 2.9540



56.4010, 89.9470, 49.4270



15.0080, 23.8850, 13.1730

Inverse Universe

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



129.4040, 67.5290, 37.2010



131.0320, 95.5400, 52.6920



159.3460, -68.6800, -10.8240



102.5170, 5.9140, 2.9540



56.4010, 89.9470, 49.4270



15.0080, 23.8850, 13.1730

Previews

White Background



This preview shows how the YIQ color 129.4040, 67.5290, 37.2010 looks on a white background.

Color Contrast Check

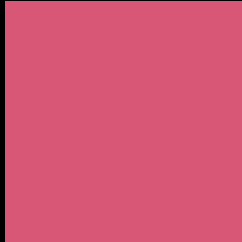
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.4040, 67.5290, 37.2010 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 129.4040, 67.5290, 37.2010

Background



This preview shows how black text looks on a background with the YIQ color 129.4040, 67.5290, 37.2010.



This preview shows how white text looks on a background with the YIQ color 129.4040, 67.5290,

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

129.4040, 67.5290, 37.2010

Protanopia

132.2540, -3.5310, 3.4210

Deuteranopia

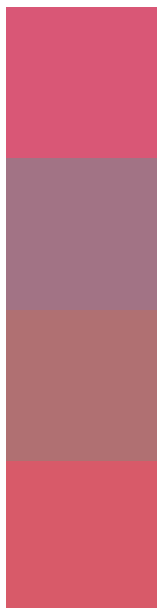
132.7650, 19.7150, 0.6350



Tritanopia

129.0590, 72.5740, 28.3660

Trichromacy



Original Color

129.4040, 67.5290, 37.2010

Protanomaly

131.1050, 22.2340, 15.5620

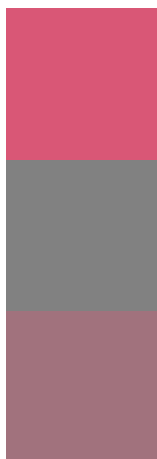
Deuteranomaly

131.3640, 37.5020, 14.1900

Tritanomaly

129.3840, 70.2810, 31.3770

Monochromacy



Original Color

129.4040, 67.5290, 37.2010

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3070, 24.4810, 13.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4040, 67.5290, 37.2010 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(217, 87, 118)` looks like.

```
.text, #text, p{  
    color:rgb(217, 87, 118)  
}
```

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(217, 87, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 87, 118) }
```

Border

The CSS property to change the border of an element to YIQ 129.4040, 67.5290, 37.2010 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(217, 87, 118) }
```


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

```
.border{ border-color:rgb(217, 87, 118) }
```

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

Here you see how a box with a 4 pixel rgb(217, 87, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 87, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 87, 118);  
box-shadow:4px 4px 4px 4px rgb(217, 87,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4040, 67.5290, 37.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 87, 118) }
```

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

```
.background{ background-color: rgb(217, 87,  
118) }
```

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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