

Converting Colors

YIQ(136.7960, 72.2970, 38.8970)

Have a look what the booklet for
YIQ(136.7960, 72.2970, 38.8970)
contains.

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Color

**YIQ(136.7960, 72.2970,
38.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	E65C7B
RGB	230, 92, 123
RGB Percent	90%, 36%, 48%
CMY	0.0977, 0.6394, 0.5174
CMYK	0.00, 0.60, 0.47, 0.10
HSL	346°, 73%, 63%
HSV	346°, 60%, 90%
XYZ	40.0631, 25.9137, 21.6512
YIQ	136.7960, 72.2970, 38.8970

Conversions

Conversions Part 2

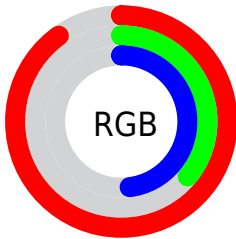
Format	Color
R_{YB}	230, 92, 123
Decimal	15096955
CIE _{Lab}	57.96, 56.12, 10.77
CIE _{LCh}	58, 57.144, 10.866
Yxy	25.9137, 0.4572, 0.2957
Android (android.graphics.Color)	4293287035 (0xFFE65C7B)
YUV	136.7960, -6.8014, 81.7399
Hunter-Lab	50.9055, 51.3966, 10.4165

Details

The YIQ color **136.7960, 72.2970, 38.8970** 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 **185.2040, -72.2970, -38.8970**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0710, 55.1050, 31.0810**, and **78.1640, 68.4450, 42.6290** is the 20% darker color. If you saturate the color by 10%, you get **121.2430, 84.4000, 45.3280**, and if you desaturate by 10%, it is **152.3490, 60.1940, 32.4660**.

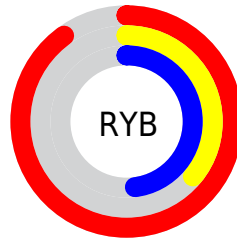
Distribution



Red (90%)

Green (36%)

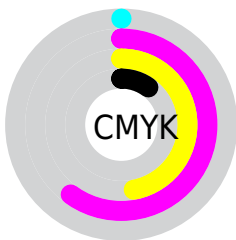
Blue (48%)



Red (90%)

Yellow (36%)

Blue (48%)

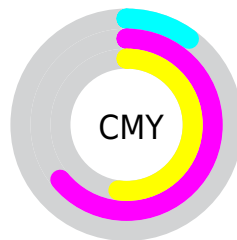


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (10%)



Cyan (10%)


Magenta (64%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7960, 72.2970, 38.8970 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 136.7960, 72.2970, 38.8970 by changing the saturation by 10% instead.


 136.7960, 72.2970,
38.8970


 136.7960, 72.2970,
38.8970


255.0000, -0.0000,
-0.0000


 108.5400, 70.1420,
39.4060


 183.0710, 55.1050,
31.0810

 78.1640, 68.4450,
42.6290


 202.6990, 38.4170,
25.1450


 47.7880, 66.7480,
45.8520

 222.3270, 21.7290,
19.2090

 36.8370, 55.8840,
33.4840

 242.6730, 5.7750,
10.9830

 25.3160, 46.6250,
19.5610

 16.6730, 32.1380,
12.2820

 3.2890, 6.5560,

2.3320

■ 0.0000, 0.0000,
0.0000

■ 136.7960, 72.2970,
38.8970

■ 136.7960, 72.2970,
38.8970

■ 121.2430, 84.4000,
45.3280

■ 152.3490, 60.1940,
32.4660

■ 105.6900, 96.5030,
51.7590

■ 167.9020, 48.0910,
26.0350

■ 90.2510, 108.2850,
58.5010

■ 183.4550, 35.9880,
19.6040

■ 74.6980, 120.3880,
64.9320

■ 198.8940, 24.2060,
12.8620

■ 214.4470, 12.1030,
6.4310

■ 230.0000, -0.0000,
0.0000

■ 245.5530,
-12.1030, -6.4310

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



140.9350, 44.4650, 47.7050



136.7960, 72.2970, 38.8970



136.3780, 78.4450, 15.5730

Triad

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



136.7960, 72.2970, 38.8970



124.8170, -5.5400, -42.7880



116.9600, -117.1430, -8.0790

Complementary

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



136.7960, 72.2970, 38.8970



185.2040, -72.2970, -38.8970

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.



117.7630, -109.7590, -20.7590



136.7960, 72.2970, 38.8970



106.4770, -77.9800, -51.5480

Square

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



136.7960, 72.2970, 38.8970



131.3850, 39.8950, -34.7050



113.5790, -95.2220, -36.4220



129.9540, -72.3070, 16.3730

Rectangle

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



136.7960, 72.2970, 38.8970



135.6630, 72.4880, -3.1280



113.5790, -95.2220, -36.4220



117.9230, -115.7210, -11.8250

Sweetspot

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



136.7960, 72.2970, 38.8970



223.8940, 24.2060, 12.8620



139.4260, 18.8780, 65.3900



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.



136.7960, 72.2970, 38.8970



130.8040, 96.1820, 52.0700



154.9810, 72.0730, 9.9050



106.9300, 6.1890, 3.4770



58.0810, 93.8440, 50.3880



16.5030, 26.8650, 14.2330

Inverse Universe

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



136.7960, 72.2970, 38.8970



130.8040, 96.1820, 52.0700



167.0190, -72.0730, -9.9050



106.9300, 6.1890, 3.4770



58.0810, 93.8440, 50.3880



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 136.7960, 72.2970, 38.8970 looks on a white background.

Color Contrast Check

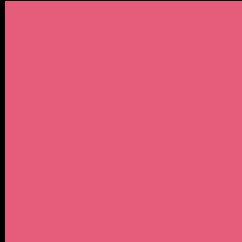
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7960, 72.2970, 38.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

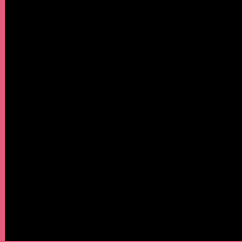
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7960, 72.2970, 38.8970

Background



This preview shows how black text looks on a background with the YIQ color 136.7960, 72.2970, 38.8970.

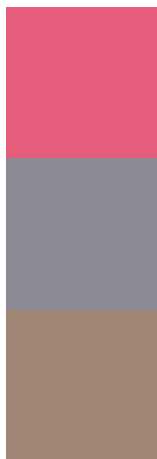


This preview shows how white text looks on a background with the YIQ color 136.7960, 72.2970,

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

136.7960, 72.2970, 38.8970

Protanopia

140.4390, -2.6140, 3.3220

Deuteranopia

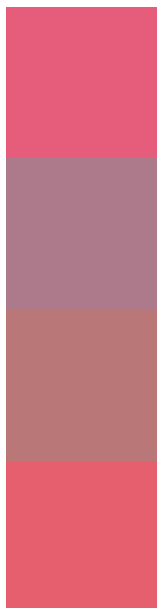
140.1350, 21.5490, 0.4370



Tritanopia

136.4510, 77.3420, 30.0620

Trichromacy



Original Color

136.7960, 72.2970, 38.8970

Protanomaly

139.3010, 24.6180, 16.4100

Deuteranomaly

139.0330, 39.9320, 14.2040

Tritanomaly

136.7760, 75.0490, 33.0730

Monochromacy



Original Color

136.7960, 72.2970, 38.8970

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2040, 26.2690, 14.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7960, 72.2970, 38.8970 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(230, 92, 123)` looks like.

```
.text, #text, p{  
    color:rgb(230, 92, 123)  
}
```

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(230, 92, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 92, 123) }
```

Border

The CSS property to change the border of an element to YIQ 136.7960, 72.2970, 38.8970 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(230, 92, 123) }
```


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

```
.border{ border-color:rgb(230, 92, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 92, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 92, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 92, 123);  
box-shadow:4px 4px 4px 4px rgb(230, 92,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7960, 72.2970, 38.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 92, 123) }
```

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

```
.background{ background-color: rgb(230, 92,  
123) }
```

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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