

Converting Colors

YIQ(136.8830, 51.3840, 71.0000)

Have a look what the booklet for
YIQ(136.8830, 51.3840, 71.0000)
contains.

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Color

**YIQ(136.8830, 51.3840,
71.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	E64DC9
RGB	230, 77, 201
RGB Percent	90%, 30%, 79%
CMY	0.0976, 0.6983, 0.2117
CMYK	0.00, 0.67, 0.13, 0.10
HSL	311°, 75%, 60%
HSV	311°, 67%, 90%
XYZ	45.8645, 26.3588, 57.9457
YIQ	136.8830, 51.3840, 71.0000

Conversions

Conversions Part 2

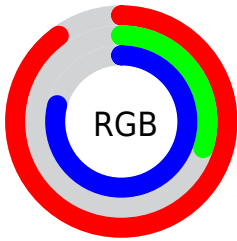
Format	Color
R_{YB}	230, 77, 201
Decimal	15093193
CIE _{Lab}	58.38, 71.59, -33.84
CIE _{LCh}	58, 79.187, 334.700
Yxy	26.3588, 0.3523, 0.2025
Android (android.graphics.Color)	4293283273 (0xFFE64DC9)
YUV	136.8830, 31.6097, 81.6636
Hunter-Lab	51.3408, 69.6139, -30.9791

Details

The YIQ color **136.8830, 51.3840, 71.0000** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **170.1170, -51.3840, -71.0000**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1470, 32.7250, 62.2370**, and **67.8870, 54.7290, 81.9690** is the 20% darker color. If you saturate the color by 10%, you get **122.9260, 58.9930, 81.7850**, and if you desaturate by 10%, it is **150.8400, 43.7750, 60.2150**.

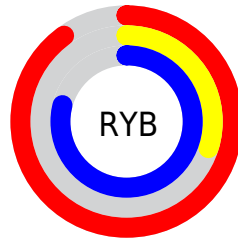
Distribution



Red (90%)

Green (30%)

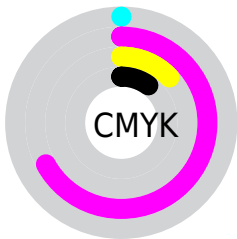
Blue (79%)



Red (90%)

Yellow (30%)

Blue (79%)

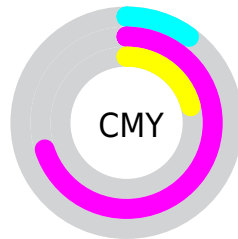


Cyan (0%)

Magenta (67%)

Yellow (13%)

Black (10%)



Cyan (10%)

Magenta (70%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8830, 51.3840, 71.0000 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 136.8830, 51.3840, 71.0000 by changing the saturation by 10% instead.

136.8830, 51.3840,
71.0000

136.8830, 51.3840,
71.0000

255.0000, -0.0000,
-0.0000

104.7630, 51.8420,
73.7140

185.1470, 32.7250,
62.2370

67.8870, 54.7290,
81.9690

202.1700, 24.7500,
47.0700

56.2520, 45.7910,
67.7350

219.1930, 16.7750,
31.9030

44.9160, 37.4490,
53.7130

236.8030, 8.5250,
16.2130

33.8080, 28.4650,
40.3130

254.4130, 0.2750,
0.5230

23.4120, 20.3520,
27.6480

11.6350, 8.9380,

14.2340

■ 0.0000, 0.0000,
0.0000

■ 136.8830, 51.3840,
71.0000

■ 136.8830, 51.3840,
71.0000

■ 122.9260, 58.9930,
81.7850

■ 150.8400, 43.7750,
60.2150

■ 108.8550, 66.9230,
92.2590

■ 164.9110, 35.8450,
49.7410

■ 94.8980, 74.5320,
103.0440

■ 178.8680, 28.2360,
38.9560

■ 89.9740, 77.3740,
106.6060

■ 192.9390, 20.3060,
28.4820

■ 206.8960, 12.6970,
17.6970

■ 220.8530, 5.0880,
6.9120

■ 234.9240, -2.8420,
-3.5620

■ 245.3590, -8.8010,
-11.2090

■ 245.8150,
-10.0850, -9.9650

Harmonies

Analogous

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



142.3110, -23.7590, 50.6490



136.8830, 51.3840, 71.0000



121.9310, 94.9870, 68.2270

Triad

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



136.8830, 51.3840, 71.0000



130.6070, 56.5850, -39.8230



124.6420, -116.7280, -21.1120

Complementary

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



136.8830, 51.3840, 71.0000



170.1170, -51.3840, -71.0000

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.



116.8900, -94.9000, -42.2600



136.8830, 51.3840, 71.0000



118.4600, 7.8060, -64.4020

Square

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



136.8830, 51.3840, 71.0000



131.2030, 96.7900, -14.0420



106.8070, -70.6420, -63.3940



124.7510, -126.6800, -5.9440

Rectangle

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



136.8830, 51.3840, 71.0000



124.9050, 105.9030, 46.5990



106.8070, -70.6420, -63.3940



122.8350, -110.2620, -28.1660

Sweetspot

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



136.8830, 51.3840, 71.0000



223.9230, 17.2350, 23.5630



102.8140, -32.4250, 53.5190



109.1190, 10.4510, 14.3470



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.



136.8830, 51.3840, 71.0000



130.8060, 68.6190, 94.5630



128.2190, 75.7800, 47.3640



107.7280, 3.9420, 5.6540



70.0510, 60.1390, 83.0430



19.9230, 17.2350, 23.5630

Inverse Universe

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



136.8830, 51.3840, 71.0000



130.8060, 68.6190, 94.5630



178.7810, -75.7800, -47.3640



107.7280, 3.9420, 5.6540



70.0510, 60.1390, 83.0430



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 136.8830, 51.3840, 71.0000 looks on a white background.

Color Contrast Check

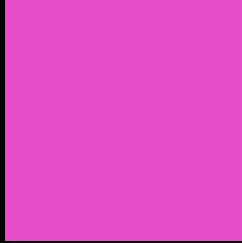
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8830, 51.3840, 71.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

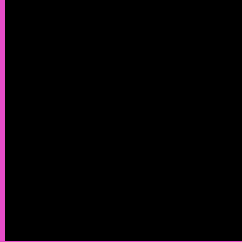
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8830, 51.3840, 71.0000

Background



This preview shows how black text looks on a background with the YIQ color 136.8830, 51.3840, 71.0000.



This preview shows how white text looks on a background with the YIQ color 136.8830, 51.3840,

71.0000.

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

136.8830, 51.3840, 71.0000

Protanopia

134.8610, -67.3110, 24.9530

Deuteranopia

140.8560, -25.3570, 13.5150



Tritanopia

139.0800, 68.0810, 27.1930

Trichromacy



Original Color

136.8830, 51.3840, 71.0000



Protanomaly

135.3290, -24.1700, 41.5740



Deuteranomaly

139.0590, 2.6530, 34.5330



Tritanomaly

138.4560, 61.7510, 42.7990

Monochromacy



Original Color

136.8830, 51.3840, 71.0000



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.8740, 18.9310, 25.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8830, 51.3840, 71.0000 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, 77, 201)` looks like.

```
.text, #text, p{  
    color:rgb(230, 77, 201)  
}
```

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, 77, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 77, 201) }
```

Border

The CSS property to change the border of an element to YIQ 136.8830, 51.3840, 71.0000 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, 77, 201) }
```


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

```
.border{ border-color:rgb(230, 77, 201) }
```

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

Here you see how a box with a 4 pixel rgb(230, 77, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 77, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 77, 201);  
box-shadow:4px 4px 4px 4px rgb(230, 77,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8830, 51.3840, 71.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 77, 201) }
```

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

```
.background{ background-color: rgb(230, 77,  
201) }
```

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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