

Converting Colors

YIQ(137.6880, 39.2320, 81.9840)

Have a look what the booklet for
YIQ(137.6880, 39.2320, 81.9840)
contains.

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Color

**YIQ(137.6880, 39.2320,
81.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	E24AEA
RGB	226, 74, 234
RGB Percent	89%, 29%, 92%
CMY	0.1133, 0.7100, 0.0823
CMYK	0.03, 0.68, 0.00, 0.08
HSL	297°, 79%, 60%
HSV	297°, 68%, 92%
XYZ	48.6979, 27.0178, 80.4963
YIQ	137.6880, 39.2320, 81.9840

Conversions

Conversions Part 2

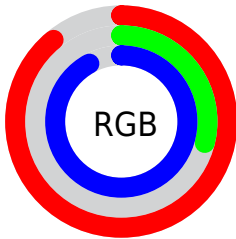
Format	Color
R _Y B	226, 74, 234
Decimal	14830314
CIE _{Lab}	58.99, 76.86, -51.55
CIE _{LCh}	59, 92.543, 326.150
Y _{xy}	27.0178, 0.3117, 0.1730
Android (android.graphics.Color)	4293020394 (0xFFE24AEA)
Y _{UV}	137.6880, 47.4818, 77.4496
Hunter-Lab	51.9787, 76.2708, -55.4338

Details

The YIQ color **137.6880, 39.2320, 81.9840** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **170.3120, -39.2320, -81.9840**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 33.2750, 63.2830**, and **70.1110, 42.7150, 90.4510** is the 20% darker color. If you saturate the color by 10%, you get **123.8880, 44.9610, 93.8010**, and if you desaturate by 10%, it is **151.4880, 33.5030, 70.1670**.

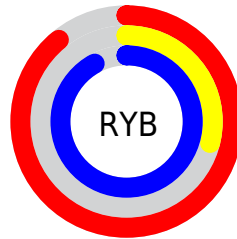
Distribution



Red (89%)

Green (29%)

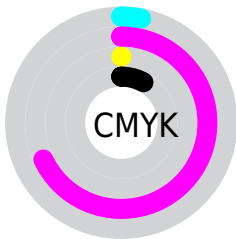
Blue (92%)



Red (89%)

Yellow (29%)

Blue (92%)

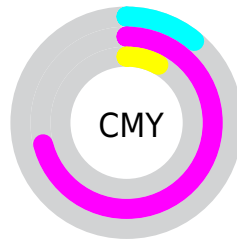


Cyan (3%)

Magenta (68%)

Yellow (0%)

Black (8%)



Cyan (11%)


Magenta (71%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6880, 39.2320, 81.9840 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 137.6880, 39.2320, 81.9840 by changing the saturation by 10% instead.


 137.6880, 39.2320,
81.9840


 137.6880, 39.2320,
81.9840


255.0000, -0.0000,
-0.0000


 104.2800, 40.5610,
85.4330


 183.9730, 33.2750,
63.2830


 70.1110, 42.7150,
90.4510


 200.9960, 25.3000,
48.1160

 58.3620, 34.0980,
75.9060


 218.6060, 17.0500,
32.4260

 46.7270, 25.1600,
61.6720

 236.2160, 8.8000,
16.7360

 35.3910, 16.8180,
47.6500

253.8260, 0.5500,
1.0460

 24.8810, 9.0260,
34.6740

 12.5770, -2.3420,

20.4260

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 137.6880, 39.2320,
81.9840

■ 137.6880, 39.2320,
81.9840

■ 123.8880, 44.9610,
93.8010

■ 151.4880, 33.5030,
70.1670

■ 109.5010, 50.9650,
106.1410

■ 165.8750, 27.4990,
57.8270

■ 95.7010, 56.6940,
117.9580

■ 179.9740, 22.3660,
46.2220

■ 93.0540, 57.1980,
119.8380

■ 194.3610, 16.3620,
33.8820

208.1610, 10.6330,
22.0650

221.9610, 4.9040,
10.2480

236.3480, -1.1000,
-2.0920

246.6260, -5.1790,
-10.7710

246.9250, -4.5830,
-10.5590

Harmonies

Analogous

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



131.7470, -57.8220, 34.7060



137.6880, 39.2320, 81.9840



94.0290, 101.9040, 102.5760

Triad

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



137.6880, 39.2320, 81.9840



133.3640, 70.7510, -32.2330



127.4800, -116.4520, -26.1160

Complementary

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



137.6880, 39.2320, 81.9840



170.3120, -39.2320, -81.9840

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.



117.4310, -89.5340, -51.4060



137.6880, 39.2320, 81.9840



123.2440, 17.3420, -61.0100

Square

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



137.6880, 39.2320, 81.9840



128.6990, 116.3650, 0.1490



103.4210, -58.3520, -76.8800



129.4470, -128.8800, -10.1280

Rectangle

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



137.6880, 39.2320, 81.9840



87.9870, 118.9170, 86.0930



103.4210, -58.3520, -76.8800



124.4020, -107.7850, -34.5130

Sweetspot

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



137.6880, 39.2320, 81.9840



222.4050, 13.0620, 27.6060



96.9360, -53.5600, 45.5760



108.6180, 7.6080, 16.3120



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.



137.6880, 39.2320, 81.9840



129.3270, 51.5150, 107.1870



131.8720, 67.1120, 61.2880



110.5430, 3.0250, 5.7530



72.0620, 44.4110, 92.7550



21.4050, 13.0620, 27.6060

Inverse Universe

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



122.7520, 92.7920, 36.4080



109.6310, 121.3540, 47.4180



176.1280, -67.1120, -61.2880



109.2890, 6.5560, 2.3320



55.1450, 104.9870, 41.1710



16.4880, 31.2210, 12.3810

Previews

White Background



This preview shows how the YIQ color 137.6880, 39.2320, 81.9840 looks on a white background.

Color Contrast Check

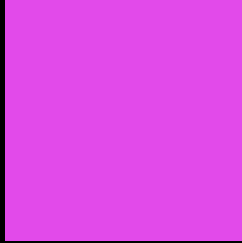
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6880, 39.2320, 81.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

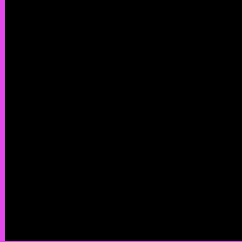
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.6880, 39.2320, 81.9840

Background



This preview shows how black text looks on a background with the YIQ color 137.6880, 39.2320, 81.9840.



This preview shows how white text looks on a background with the YIQ color 137.6880, 39.2320,

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

137.6880, 39.2320, 81.9840

Protanopia

136.0780, -69.4200, 24.6280

Deuteranopia

138.3770, -51.6290, 16.0750



Tritanopia

142.1110, 57.6280, 23.9000

Trichromacy



Original Color

137.6880, 39.2320, 81.9840



Protanomaly

136.3270, -29.8560, 45.5040



Deuteranomaly

137.9120, -18.6220, 40.1460



Tritanomaly

140.7630, 50.7010, 44.8210

Monochromacy



Original Color

137.6880, 39.2320, 81.9840



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.0570, 14.1620, 29.6980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6880, 39.2320, 81.9840 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, 74, 234)` looks like.

```
.text, #text, p{  
    color:rgb(226, 74, 234)  
}
```

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, 74, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 74, 234) }
```

Border

The CSS property to change the border of an element to YIQ 137.6880, 39.2320, 81.9840 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, 74, 234) }
```


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

```
.border{ border-color:rgb(226, 74, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 74, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 74, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 74, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 74,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6880, 39.2320, 81.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 74, 234) }
```

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

```
.background{ background-color: rgb(226, 74,  
234) }
```

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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