

Converting Colors

YIQ(136.3840, 37.0320, 77.8000)

Have a look what the booklet for
YIQ(136.3840, 37.0320, 77.8000)
contains.

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Color

**YIQ(136.3840, 37.0320,
77.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4CE4
RGB	220, 76, 228
RGB Percent	86%, 30%, 89%
CMY	0.1368, 0.7022, 0.1059
CMYK	0.03, 0.67, 0.00, 0.11
HSL	297°, 74%, 60%
HSV	297°, 67%, 89%
XYZ	46.1339, 25.9955, 75.9903
YIQ	136.3840, 37.0320, 77.8000

Conversions

Conversions Part 2

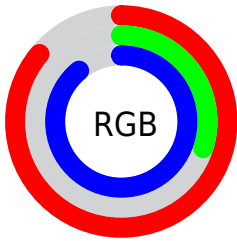
Format	Color
R _Y B	220, 76, 228
Decimal	14437604
CIE Lab	58.03, 73.84, -49.76
CIE LCh	58, 89.040, 326.023
Yxy	25.9955, 0.3115, 0.1755
Android (android.graphics.Color)	4292627684 (0xFFDC4CE4)
YUV	136.3840, 45.1667, 73.3312
Hunter-Lab	50.9858, 72.2885, -52.6771

Details

The YIQ color **136.3840, 37.0320, 77.8000** 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 **167.6160, -37.0320, -77.8000**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5600, 33.0000, 62.7600**, and **67.7470, 40.7440, 87.6240** is the 20% darker color. If you saturate the color by 10%, you get **122.5840, 42.7610, 89.6170**, and if you desaturate by 10%, it is **150.1840, 31.3030, 65.9830**.

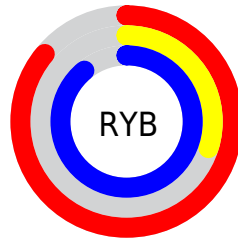
Distribution



Red (86%)

Green (30%)

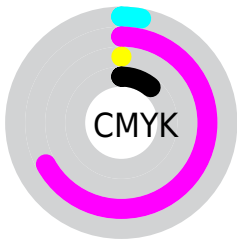
Blue (89%)



Red (86%)

Yellow (30%)

Blue (89%)

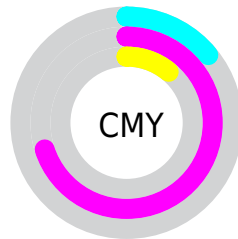


Cyan (3%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (14%)


Magenta (70%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.3840, 37.0320, 77.8000 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 136.3840, 37.0320, 77.8000 by changing the saturation by 10% instead.


 136.3840, 37.0320,
77.8000


 136.3840, 37.0320,
77.8000


255.0000, -0.0000,
-0.0000


 104.2640, 37.4900,
80.5140


 184.5600, 33.0000,
62.7600


 67.7470, 40.7440,
87.6240


 201.5830, 25.0250,
47.5930

 56.2970, 32.7230,
73.2910


 218.6060, 17.0500,
32.4260

 44.6620, 23.7850,
59.0570

 236.2160, 8.8000,
16.7360

 33.3260, 15.4430,
45.0350

253.8260, 0.5500,
1.0460

 22.8160, 7.6510,
32.0590

 9.9140, -4.9090,

17.3870

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 136.3840, 37.0320,
77.8000

■ 136.3840, 37.0320,
77.8000

■ 122.5840, 42.7610,
89.6170

■ 150.1840, 31.3030,
65.9830

■ 108.7840, 48.4900,
101.4340

■ 163.9840, 25.5740,
54.1660

■ 95.5710, 53.9440,
112.7280

■ 177.4960, 20.7160,
43.0840

■ 90.5760, 55.5480,
116.7000

■ 191.2960, 14.9870,
31.2670

205.0960, 9.2580,
19.4500

218.8960, 3.5290,
7.6330

232.6960, -2.2000,
-4.1840

244.4470, -6.2330,
-13.6970

244.7460, -5.6370,
-13.4850

Harmonies

Analogous

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



130.8720, -56.6760, 35.9640



136.3840, 37.0320, 77.8000



95.4480, 102.0420, 100.0740

Triad

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



136.3840, 37.0320, 77.8000



131.2930, 69.5130, -31.8230



124.4480, -113.4260, -25.8900

Complementary

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



136.3840, 37.0320, 77.8000



167.6160, -37.0320, -77.8000

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.



114.7410, -87.4710, -50.2470



136.3840, 37.0320, 77.8000



121.4830, 18.1670, -59.4410

Square

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



136.3840, 37.0320, 77.8000



126.9050, 112.7890, -1.1230



102.0020, -58.4900, -74.3780



127.6860, -128.0550, -8.5590

Rectangle

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



136.3840, 37.0320, 77.8000



97.8520, 114.5630, 76.8910



102.0020, -58.4900, -74.3780



121.5980, -105.4010, -33.6650

Sweetspot

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



136.3840, 37.0320, 77.8000



224.1660, 12.2370, 26.0370



99.1980, -51.5420, 42.0420



109.2050, 7.3330, 15.7890



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.



136.3840, 37.0320, 77.8000



131.9630, 49.5440, 104.3600



131.2520, 62.9860, 58.9700



107.6570, 2.7040, 6.0640



70.9370, 43.2650, 91.4970



20.1660, 12.2370, 26.0370

Inverse Universe

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



122.3600, 88.0240, 34.7120



113.2500, 118.0530, 46.6690



172.7480, -62.9860, -58.9700



106.7020, 6.8310, 2.8550



54.5470, 103.7950, 40.7470



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 136.3840, 37.0320, 77.8000 looks on a white background.

Color Contrast Check

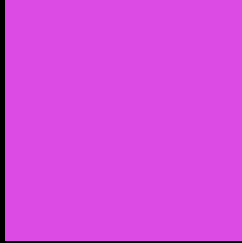
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3840, 37.0320, 77.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

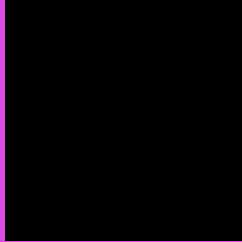
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.3840, 37.0320, 77.8000

Background



This preview shows how black text looks on a background with the YIQ color 136.3840, 37.0320, 77.8000.



This preview shows how white text looks on a background with the YIQ color 136.3840, 37.0320,

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

136.3840, 37.0320, 77.8000

Protanopia

132.5230, -72.1710, 24.9250

Deuteranopia

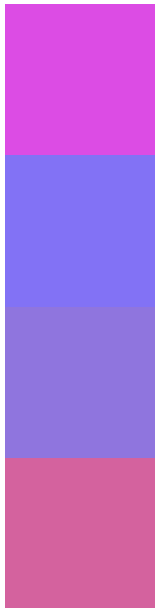
136.6330, -49.4740, 15.5660



Tritanopia

139.9150, 55.2440, 23.0520

Trichromacy



Original Color

136.3840, 37.0320, 77.8000

Protanomaly

133.7180, -32.5150, 44.1330

Deuteranomaly

136.7440, -18.2090, 38.1670

Tritanomaly

138.9260, 48.6840, 42.8280

Monochromacy



Original Color

136.3840, 37.0320, 77.8000

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1170, 13.9330, 28.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3840, 37.0320, 77.8000 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(220, 76, 228)` looks like.

```
.text, #text, p{  
    color:rgb(220, 76, 228)  
}
```

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(220, 76, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 76, 228) }
```

Border

The CSS property to change the border of an element to YIQ 136.3840, 37.0320, 77.8000 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(220, 76, 228) }
```


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

```
.border{ border-color:rgb(220, 76, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 76, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 76, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 76, 228);  
box-shadow:4px 4px 4px 4px rgb(220, 76,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3840, 37.0320, 77.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 76, 228) }
```

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

```
.background{ background-color: rgb(220, 76,  
228) }
```

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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