

Converting Colors

YIQ(136.4130, 38.0880, 69.6720)

Have a look what the booklet for
YIQ(136.4130, 38.0880, 69.6720)
contains.

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Color

**YIQ(136.4130, 38.0880,
69.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	D851D5
RGB	216, 81, 213
RGB Percent	85%, 32%, 84%
CMY	0.1525, 0.6825, 0.1647
CMYK	0.00, 0.63, 0.01, 0.15
HSL	301°, 63%, 58%
HSV	301°, 63%, 85%
XYZ	43.2994, 25.2958, 65.5595
YIQ	136.4130, 38.0880, 69.6720

Conversions

Conversions Part 2

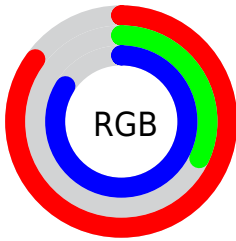
Format	Color
R _Y B	216, 81, 213
Decimal	14176725
CIE Lab	57.36, 68.51, -42.40
CIE LCh	57, 80.566, 328.248
Yxy	25.2958, 0.3228, 0.1886
Android (android.graphics.Color)	4292366805 (0xFFD851D5)
YUV	136.4130, 37.7574, 69.7978
Hunter-Lab	50.2949, 65.6561, -42.0782

Details

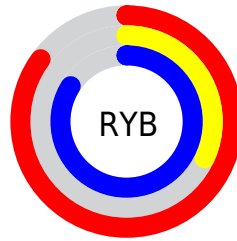
The YIQ color $136.4130, 38.0880, 69.6720$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $160.5870, -38.0880, -69.6720$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $186.9080, 31.9000, 60.6680$, and $65.8410, 43.1750, 82.1110$ is the 20% darker color. If you saturate the color by 10%, you get $123.4990, 44.1380, 81.1780$, and if you desaturate by 10%, it is $149.4410, 31.7170, 58.4770$.

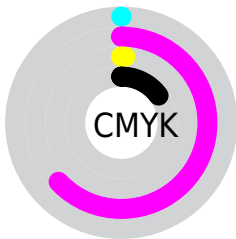
Distribution



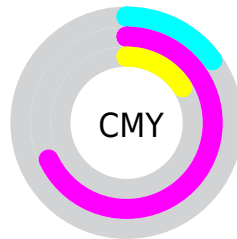
- Red (85%)
- Green (32%)
- Blue (84%)



- Red (85%)
- Yellow (32%)
- Blue (84%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (68%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4130, 38.0880, 69.6720 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 136.4130, 38.0880, 69.6720 by changing the saturation by 10% instead.

136.4130, 38.0880,
69.6720

136.4130, 38.0880,
69.6720

255.0000, -0.0000,
-0.0000

106.3530, 38.3170,
71.0290

186.3210, 32.1750,
61.1910

65.8410, 43.1750,
82.1110

203.3440, 24.2000,
46.0240

53.5050, 34.8330,
68.0890

220.3670, 16.2250,
30.8570

42.5820, 26.7660,
54.5900

237.3900, 8.2500,
15.6900

31.3600, 18.1030,
40.8790

21.1490, 10.9070,
28.1150

7.1650, -4.3580,

12.9060

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 136.4130, 38.0880,
69.6720

■ 136.4130, 38.0880,
69.6720

■ 123.4990, 44.1380,
81.1780

■ 149.4410, 31.7170,
58.4770

■ 111.0580, 50.2340,
91.8500

■ 161.7680, 25.9420,
47.4940

■ 98.1440, 56.2840,
103.3560

■ 174.6820, 19.8920,
35.9880

■ 88.6380, 61.0050,
111.4130

■ 187.1230, 13.7960,
25.3160

200.0370, 7.7460,
13.8100

213.0650, 1.3750,
2.6150

225.3920, -4.4000,
-8.3680

238.4200,
-10.7710, -19.5630

239.0070,
-11.0460, -20.0860

Harmonies

Analogous

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



135.6780, -44.2060, 41.2500



136.4130, 38.0880, 69.6720



119.1900, 93.0600, 75.6200

Triad

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



136.4130, 38.0880, 69.6720



129.4880, 64.4700, -34.0420



121.7580, -111.3630, -24.7310

Complementary

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



136.4130, 38.0880, 69.6720



160.5870, -38.0880, -69.6720

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.



112.9630, -87.9760, -46.6000



136.4130, 38.0880, 69.6720



120.0100, 18.1210, -58.6070

Square

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



136.4130, 38.0880, 69.6720



127.1380, 104.5830, -6.5930



102.1790, -63.1220, -67.5220



124.7510, -126.6800, -5.9440

Rectangle

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



136.4130, 38.0880, 69.6720



117.9410, 106.2220, 57.3420



102.1790, -63.1220, -67.5220



119.1360, -103.9800, -31.8840

Sweetspot

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



136.4130, 38.0880, 69.6720



226.7100, 13.5210, 24.7930



96.9880, -42.1430, 42.4090



110.2760, 8.5710, 15.3790



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.



136.4130, 38.0880, 69.6720



142.4270, 53.8090, 98.6490



128.7750, 59.5950, 48.8350



100.5430, 3.0250, 5.7530



70.1670, 48.3090, 88.1890



17.6450, 12.1460, 22.1780

Inverse Universe

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



136.4130, 38.0880, 69.6720



142.4270, 53.8090, 98.6490



168.2250, -59.5950, -48.8350



100.5430, 3.0250, 5.7530



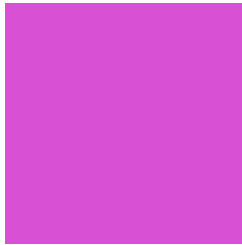
70.1670, 48.3090, 88.1890



17.6450, 12.1460, 22.1780

Previews

White Background



This preview shows how the YIQ color 136.4130, 38.0880, 69.6720 looks on a white background.

Color Contrast Check

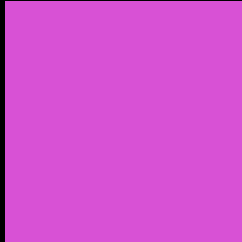
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4130, 38.0880, 69.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

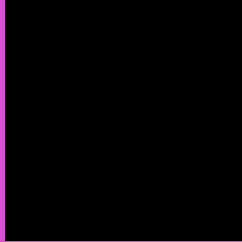
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.4130, 38.0880, 69.6720

Background



This preview shows how black text looks on a background with the YIQ color 136.4130, 38.0880, 69.6720.



This preview shows how white text looks on a background with the YIQ color 136.4130, 38.0880,

69.6720.

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

136.4130, 38.0880, 69.6720

Protanopia

130.4520, -73.4090, 25.3350

Deuteranopia

136.5650, -37.5990, 15.1130



Tritanopia

138.6160, 54.6480, 22.8400

Trichromacy



Original Color

136.4130, 38.0880, 69.6720



Protanomaly

132.8380, -32.9730, 41.4190



Deuteranomaly

136.8280, -9.8180, 34.7740



Tritanomaly

137.9320, 48.5470, 39.8030

Monochromacy



Original Color

136.4130, 38.0880, 69.6720



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.1230, 13.7960, 25.3160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4130, 38.0880, 69.6720 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(216, 81, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 81, 213)  
}
```

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(216, 81, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 81, 213) }
```

Border

The CSS property to change the border of an element to YIQ 136.4130, 38.0880, 69.6720 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(216, 81, 213) }
```


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

```
.border{ border-color:rgb(216, 81, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 81, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 81, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 81, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 81,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4130, 38.0880, 69.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 81, 213) }
```

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

```
.background{ background-color: rgb(216, 81,  
213) }
```

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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