

Converting Colors

YIQ(140.2670, 41.4350, 69.5870)

Have a look what the booklet for
YIQ(140.2670, 41.4350, 69.5870)
contains.

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Color

**YIQ(140.2670, 41.4350,
69.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	DF54D5
RGB	223, 84, 213
RGB Percent	87%, 33%, 84%
CMY	0.1251, 0.6708, 0.1646
CMYK	0.00, 0.62, 0.05, 0.13
HSL	304°, 69%, 60%
HSV	304°, 62%, 87%
XYZ	45.6419, 26.8412, 65.7370
YIQ	140.2670, 41.4350, 69.5870

Conversions

Conversions Part 2

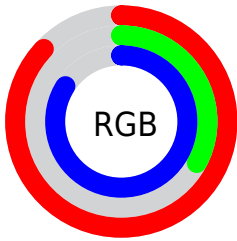
Format	Color
R _{YB}	223, 84, 213
Decimal	14636245
CIE Lab	58.83, 69.01, -40.02
CIE LCh	59, 79.778, 329.888
Yxy	26.8412, 0.3302, 0.1942
Android (android.graphics.Color)	4292826325 (0xFFDF54D5)
YUV	140.2670, 35.8574, 72.5568
Hunter-Lab	51.8085, 66.5888, -38.9640

Details

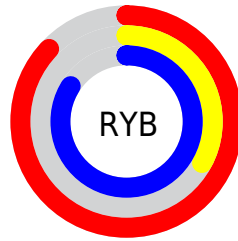
The YIQ color $140.2670, 41.4350, 69.5870$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $166.7330, -41.4350, -69.5870$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.6690, 31.0750, 59.0990$, and $71.1570, 45.1010, 80.2450$ is the 20% darker color. If you saturate the color by 10%, you get $127.1250, 48.1270, 80.4710$, and if you desaturate by 10%, it is $153.4090, 34.7430, 58.7030$.

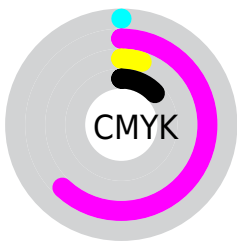
Distribution



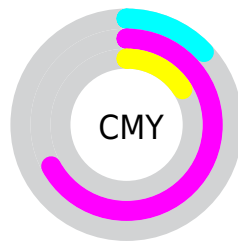
- Red (87%)
- Green (33%)
- Blue (84%)



- Red (87%)
- Yellow (33%)
- Blue (84%)



- Cyan (0%)
- Magenta (62%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.2670, 41.4350, 69.5870 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 140.2670, 41.4350, 69.5870 by changing the saturation by 10% instead.

140.2670, 41.4350,
69.5870

140.2670, 41.4350,
69.5870

255.0000, -0.0000,
-0.0000

110.2070, 41.6640,
70.9440

188.6690, 31.0750,
59.0990

71.4560, 45.6970,
80.4570

205.1050, 23.3750,
44.4550

55.5980, 39.0050,
69.5730

222.1280, 15.4000,
29.2880

44.3760, 30.3420,
55.8620

239.7380, 7.1500,
13.5980

33.1540, 21.6790,
42.1510

22.9430, 14.4830,
29.3870

10.8670, 2.4730,

15.7610

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 140.2670, 41.4350,
69.5870

■ 140.2670, 41.4350,
69.5870

■ 127.1250, 48.1270,
80.4710

■ 153.4090, 34.7430,
58.7030

■ 113.5100, 54.7730,
92.1890

■ 167.0240, 28.0970,
46.9850

■ 100.3680, 61.4650,
103.0730

■ 180.1660, 21.4050,
36.1010

■ 90.2750, 66.4610,
111.6530

■ 193.1940, 15.0340,
24.9060

206.9230, 8.0670,
13.4990

220.0650, 1.3750,
2.6150

233.0930, -4.9960,
-8.5800

242.1260, -9.7630,
-15.8030

242.3540,
-10.4050, -15.1810

Harmonies

Analogous

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



140.7390, -37.0080, 42.9600



140.2670, 41.4350, 69.5870



123.8860, 90.8600, 71.4360

Triad

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



140.2670, 41.4350, 69.5870



132.7220, 63.6910, -36.4450



124.9040, -114.7100, -24.6460

Complementary

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



140.2670, 41.4350, 69.5870



166.7330, -41.4350, -69.5870

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.



116.8100, -91.9190, -46.7270



140.2670, 41.4350, 69.5870



122.3580, 17.0210, -60.6990

Square

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



140.2670, 41.4350, 69.5870



130.9590, 103.5290, -9.5190



105.4390, -66.7900, -67.1260



126.5120, -127.5050, -7.5130

Rectangle

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



140.2670, 41.4350, 69.5870



123.3380, 103.4260, 52.9460



105.4390, -66.7900, -67.1260



122.2820, -107.3270, -31.7990

Sweetspot

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



140.2670, 41.4350, 69.5870



226.3680, 14.4840, 23.8600



102.5370, -39.2550, 45.1370



110.0480, 9.2130, 14.7570



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.



140.2670, 41.4350, 69.5870



141.2870, 57.0190, 95.5390



132.4010, 63.5840, 48.1280



105.4290, 3.3460, 5.4420



71.2060, 52.5730, 88.0050



19.4820, 14.1630, 24.1710

Inverse Universe

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



140.2670, 41.4350, 69.5870



141.2870, 57.0190, 95.5390



174.5990, -63.5840, -48.1280



105.4290, 3.3460, 5.4420



71.2060, 52.5730, 88.0050



19.4820, 14.1630, 24.1710

Previews

White Background



This preview shows how the YIQ color 140.2670, 41.4350, 69.5870 looks on a white background.

Color Contrast Check

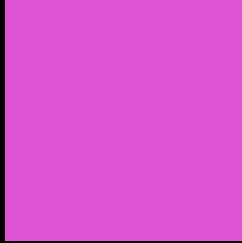
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.2670, 41.4350, 69.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

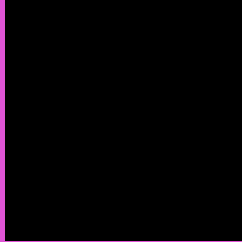
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.2670, 41.4350, 69.5870

Background



This preview shows how black text looks on a background with the YIQ color 140.2670, 41.4350, 69.5870.



This preview shows how white text looks on a background with the YIQ color 140.2670, 41.4350,

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

140.2670, 41.4350, 69.5870

Protanopia

135.4910, -69.1450, 25.1510

Deuteranopia

141.3050, -33.9310, 14.7170



Tritanopia

142.4100, 58.2240, 24.1120

Trichromacy



Original Color

140.2670, 41.4350, 69.5870



Protanomaly

136.9910, -29.0300, 41.5460



Deuteranomaly

140.6820, -6.4710, 34.6890



Tritanomaly

141.6120, 52.4440, 40.7640

Monochromacy



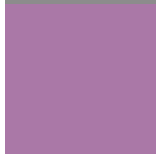
Original Color

140.2670, 41.4350, 69.5870



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.3080, 14.7130, 25.2170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.2670, 41.4350, 69.5870 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(223, 84, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 84, 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(223, 84, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 84, 213) }
```

Border

The CSS property to change the border of an element to YIQ 140.2670, 41.4350, 69.5870 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(223, 84, 213) }
```


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

```
.border{ border-color:rgb(223, 84, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 84, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 84, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 84, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 84,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 140.2670, 41.4350, 69.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 84, 213) }
```

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

```
.background{ background-color: rgb(223, 84,  
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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