

Converting Colors

YIQ(136.4870, 35.2440, 77.1640)

Have a look what the booklet for
YIQ(136.4870, 35.2440, 77.1640)
contains.

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Color

**YIQ(136.4870, 35.2440,
77.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4DE5
RGB	218, 77, 229
RGB Percent	85%, 30%, 90%
CMY	0.1447, 0.6982, 0.1019
CMYK	0.05, 0.66, 0.00, 0.10
HSL	296°, 75%, 60%
HSV	296°, 66%, 90%
XYZ	45.7397, 25.8793, 76.7173
YIQ	136.4870, 35.2440, 77.1640

Conversions

Conversions Part 2

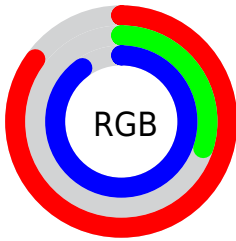
Format	Color
RYB	218, 77, 229
Decimal	14306789
CIELab	57.92, 73.19, -50.52
CIELCh	58, 88.931, 325.387
Yxy	25.8793, 0.3084, 0.1745
Android (android.graphics.Color)	4292496869 (0xFFDA4DE5)
YUV	136.4870, 45.6089, 71.4869
Hunter-Lab	50.8717, 71.4670, -53.8024

Details

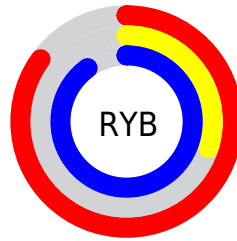
The YIQ color $136.4870, 35.2440, 77.1640$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $169.5130, -35.2440, -77.1640$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $185.1470, 32.7250, 62.2370$, and $67.2630, 39.2310, 87.5110$ is the 20% darker color. If you saturate the color by 10%, you get $122.3880, 40.3770, 88.7690$, and if you desaturate by 10%, it is $150.5860, 30.1110, 65.5590$.

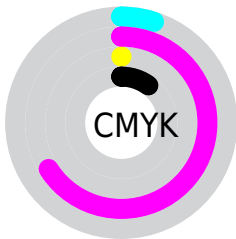
Distribution



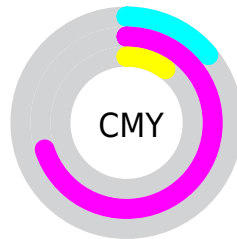
- Red (85%)
- Green (30%)
- Blue (90%)



- Red (85%)
- Yellow (30%)
- Blue (90%)



- Cyan (5%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4870, 35.2440, 77.1640 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 136.4870, 35.2440, 77.1640 by changing the saturation by 10% instead.

136.4870, 35.2440,
77.1640

136.4870, 35.2440,
77.1640

255.0000, -0.0000,
-0.0000

105.2530, 36.0230,
79.5670

185.1470, 32.7250,
62.2370

67.2630, 39.2310,
87.5110

202.1700, 24.7500,
47.0700

55.8130, 31.2100,
73.1780

219.1930, 16.7750,
31.9030

44.0640, 22.5930,
58.6330

236.2160, 8.8000,
16.7360

32.8420, 13.9300,
44.9220

253.8260, 0.5500,
1.0460

22.6310, 6.7340,
32.1580

9.1310, -7.0180,

17.0620

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 136.4870, 35.2440,
77.1640

■ 136.4870, 35.2440,
77.1640

■ 122.3880, 40.3770,
88.7690

■ 150.5860, 30.1110,
65.5590

■ 108.5880, 46.1060,
100.5860

■ 164.3860, 24.3820,
53.7420

■ 94.4890, 51.2390,
112.1910

■ 178.4850, 19.2490,
42.1370

■ 89.7930, 53.4390,
116.3750

■ 192.5840, 14.1160,
30.5320

205.7970, 8.6620,
19.2380

219.8960, 3.5290,
7.6330

233.9950, -1.6040,
-3.9720

244.8600, -5.9580,
-13.1740

245.4580, -4.7660,
-12.7500

Harmonies

Analogous

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



129.9640, -59.9310, 34.3810



136.4870, 35.2440, 77.1640



96.8500, 100.8500, 99.6500

Triad

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



136.4870, 35.2440, 77.1640



131.0050, 70.3840, -31.0880



124.2200, -112.7840, -26.5120

Complementary

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



136.4870, 35.2440, 77.1640



169.5130, -35.2440, -77.1640

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.



114.5130, -86.8290, -50.8690



136.4870, 35.2440, 77.1640



121.4940, 19.6340, -58.4940

Square

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



136.4870, 35.2440, 77.1640



126.6170, 113.6600, -0.3880



101.7740, -57.8480, -75.0000



127.6860, -128.0550, -8.5590

Rectangle

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



136.4870, 35.2440, 77.1640



96.7920, 114.7920, 78.2480



101.7740, -57.8480, -75.0000



121.3700, -104.7590, -34.2870

Sweetspot

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



136.4870, 35.2440, 77.1640



223.8670, 11.6410, 25.8250



101.9590, -52.3670, 40.4730



108.9060, 6.7370, 15.5770



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.



136.4870, 35.2440, 77.1640



130.7670, 47.1600, 103.5120



132.5940, 62.0230, 59.9030



107.6570, 2.7040, 6.0640



70.0400, 41.4770, 90.8610



19.8670, 11.6410, 25.8250

Inverse Universe

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



123.7020, 87.0610, 35.6450



113.7060, 116.7690, 47.9130



173.4060, -62.0230, -59.9030



106.7020, 6.8310, 2.8550



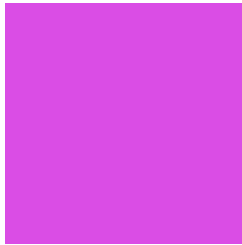
55.0030, 102.5110, 41.9910



15.7050, 29.1120, 12.0560

Previews

White Background



This preview shows how the YIQ color 136.4870, 35.2440, 77.1640 looks on a white background.

Color Contrast Check

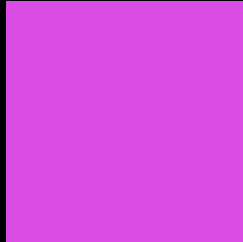
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4870, 35.2440, 77.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

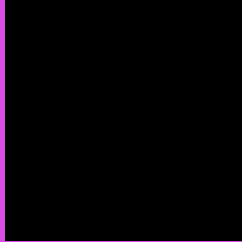
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.4870, 35.2440, 77.1640

Background



This preview shows how black text looks on a background with the YIQ color 136.4870, 35.2440, 77.1640.



This preview shows how white text looks on a background with the YIQ color 136.4870, 35.2440,

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

136.4870, 35.2440, 77.1640

Protanopia

132.2240, -72.7670, 24.7130

Deuteranopia

135.5620, -50.7120, 15.9760



Tritanopia

140.0180, 53.4560, 22.4160

Trichromacy



Original Color

136.4870, 35.2440, 77.1640



Protanomaly

134.1200, -33.7070, 43.7090



Deuteranomaly

135.6730, -19.4470, 38.5770



Tritanomaly

139.0290, 46.8960, 42.1920

Monochromacy



Original Color

136.4870, 35.2440, 77.1640



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.5190, 12.7410, 27.9170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4870, 35.2440, 77.1640 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(218, 77, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 77, 229)  
}
```

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(218, 77, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 77, 229) }
```

Border

The CSS property to change the border of an element to YIQ 136.4870, 35.2440, 77.1640 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(218, 77, 229) }
```


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

```
.border{ border-color:rgb(218, 77, 229) }
```

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

Here you see how a box with a 4 pixel rgb(218, 77, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 77, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 77, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 77,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4870, 35.2440, 77.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 77, 229) }
```

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

```
.background{ background-color: rgb(218, 77,  
229) }
```

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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