

Converting Colors

YIQ(136.2500, 40.1050, 71.6650)

Have a look what the booklet for
YIQ(136.2500, 40.1050, 71.6650)
contains.

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Color

**YIQ(136.2500, 40.1050,
71.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4FD6
RGB	219, 79, 214
RGB Percent	86%, 31%, 84%
CMY	0.1408, 0.6904, 0.1607
CMYK	0.00, 0.64, 0.02, 0.14
HSL	302°, 66%, 58%
HSV	302°, 64%, 86%
XYZ	44.1766, 25.5159, 66.2243
YIQ	136.2500, 40.1050, 71.6650

Conversions

Conversions Part 2

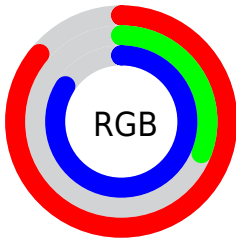
Format	Color
R _{YB}	219, 79, 214
Decimal	14372822
CIE Lab	57.57, 70.17, -42.60
CIE LCh	58, 82.093, 328.740
Yxy	25.5159, 0.3250, 0.1877
Android (android.graphics.Color)	4292562902 (0xFFDB4FD6)
YUV	136.2500, 38.3308, 72.5717
Hunter-Lab	50.5132, 67.7099, -42.3717

Details

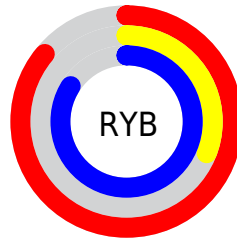
The YIQ color **136.2500, 40.1050, 71.6650** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **161.7500, -40.1050, -71.6650**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7340, 32.4500, 61.7140**, and **65.9660, 44.3210, 83.3690** is the 20% darker color. If you saturate the color by 10%, you get **123.2220, 46.4760, 82.8600**, and if you desaturate by 10%, it is **149.2780, 33.7340, 60.4700**.

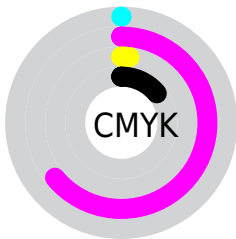
Distribution



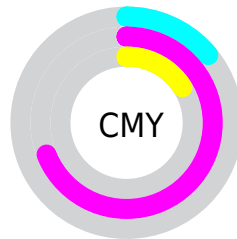
- Red (86%)
- Green (31%)
- Blue (84%)



- Red (86%)
- Yellow (31%)
- Blue (84%)



- Cyan (0%)
- Magenta (64%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.2500, 40.1050, 71.6650 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 136.2500, 40.1050, 71.6650 by changing the saturation by 10% instead.

136.2500, 40.1050,
71.6650

136.2500, 40.1050,
71.6650

255.0000, -0.0000,
-0.0000

105.6030, 40.6090,
73.5450

185.7340, 32.4500,
61.7140

66.2650, 44.9170,
83.5810

202.7570, 24.4750,
46.5470

54.5160, 36.3000,
69.0360

219.7800, 16.5000,
31.3800

43.1800, 27.9580,
55.0140

236.8030, 8.5250,
16.2130

32.0720, 18.9740,
41.6140

254.4130, 0.2750,
0.5230

21.8610, 11.7780,
28.8500

8.7740, -1.6990,

14.2770

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 136.2500, 40.1050,
71.6650

■ 136.2500, 40.1050,
71.6650

■ 123.2220, 46.4760,
82.8600

■ 149.2780, 33.7340,
60.4700

■ 110.1940, 52.8470,
94.0550

■ 162.3060, 27.3630,
49.2750

■ 97.2800, 58.8970,
105.5610

■ 175.2200, 21.3130,
37.7690

■ 89.5350, 62.7930,
112.0490

■ 188.2480, 14.9420,
26.5740

201.2760, 8.5710,
15.3790

213.7170, 2.4750,
4.7070

226.7450, -3.8960,
-6.4880

239.6590, -9.9460,
-17.9940

240.3600,
-10.5420, -18.2060

Harmonies

Analogous

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



135.6890, -42.7390, 42.1970



136.2500, 40.1050, 71.6650



116.8420, 94.1600, 77.7120

Triad

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



136.2500, 40.1050, 71.6650



129.4880, 64.4700, -34.0420



122.6870, -112.6010, -24.3210

Complementary

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



136.2500, 40.1050, 71.6650



161.7500, -40.1050, -71.6650

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.



113.7780, -88.8930, -46.5010



136.2500, 40.1050, 71.6650



119.9990, 16.6540, -59.5540

Square

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



136.2500, 40.1050, 71.6650



127.4370, 105.1790, -6.3810



102.7660, -63.3970, -68.0450



125.3380, -126.9550, -6.4670

Rectangle

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



136.2500, 40.1050, 71.6650



116.0660, 107.3680, 58.6000



102.7660, -63.3970, -68.0450



120.0650, -105.2180, -31.4740

Sweetspot

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



136.2500, 40.1050, 71.6650



226.5960, 13.8420, 24.4820



96.4550, -41.9600, 44.6000



110.1620, 8.8920, 15.0680



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.



136.2500, 40.1050, 71.6650



139.1500, 56.1470, 100.3310



128.2700, 62.5750, 49.8950



103.4290, 3.3460, 5.4420



70.7650, 49.5010, 88.6130



18.7700, 13.2920, 23.4360

Inverse Universe

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



136.2500, 40.1050, 71.6650



139.1500, 56.1470, 100.3310



169.7300, -62.5750, -49.8950



103.4290, 3.3460, 5.4420



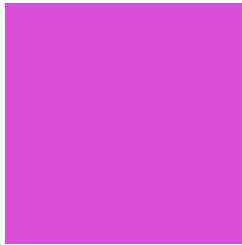
70.7650, 49.5010, 88.6130



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 136.2500, 40.1050, 71.6650 looks on a white background.

Color Contrast Check

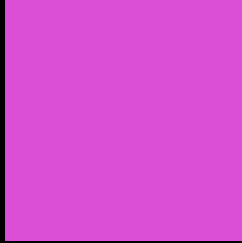
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2500, 40.1050, 71.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

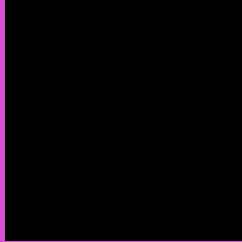
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.2500, 40.1050, 71.6650

Background



This preview shows how black text looks on a background with the YIQ color 136.2500, 40.1050, 71.6650.

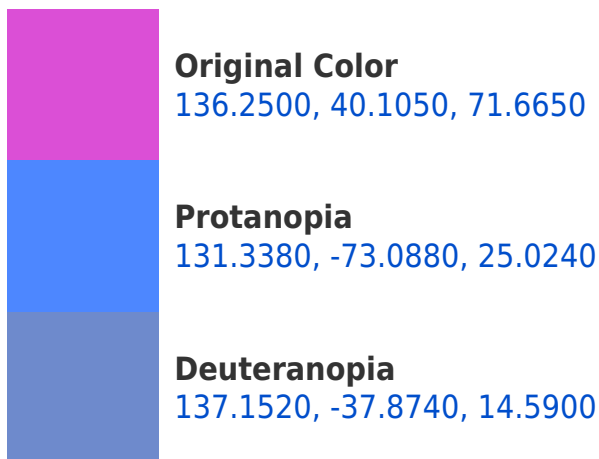


This preview shows how white text looks on a background with the YIQ color 136.2500, 40.1050,

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





Tritanopia

138.8120, 57.0320, 23.6880

Trichromacy



Original Color

136.2500, 40.1050, 71.6650



Protanomaly

133.4360, -31.7810, 41.8430



Deuteranomaly

137.2410, -9.5430, 35.2970



Tritanomaly

137.6550, 50.8850, 41.4850

Monochromacy



Original Color

136.2500, 40.1050, 71.6650



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

135.8350, 14.6670, 26.0510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.2500, 40.1050, 71.6650 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(219, 79, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 79, 214)  
}
```

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(219, 79, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 79, 214) }
```

Border

The CSS property to change the border of an element to YIQ 136.2500, 40.1050, 71.6650 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(219, 79, 214) }
```


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

```
.border{ border-color:rgb(219, 79, 214) }
```

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

Here you see how a box with a 4 pixel rgb(219, 79, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 79, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 79, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 79,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 136.2500, 40.1050, 71.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 79, 214) }
```

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

```
.background{ background-color: rgb(219, 79,  
214) }
```

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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