

Converting Colors

YIQ(136.5080, 39.9190, 86.0550)

Have a look what the booklet for
YIQ(136.5080, 39.9190, 86.0550)
contains.

YIQ(136.5080, 39.9190, 86.0550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(136.5080, 39.9190,
86.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	E446EF
RGB	228, 70, 239
RGB Percent	89%, 27%, 94%
CMY	0.1054, 0.7257, 0.0627
CMYK	0.05, 0.71, 0.00, 0.06
HSL	296°, 84%, 61%
HSV	296°, 71%, 94%
XYZ	49.8009, 27.1185, 84.2764
YIQ	136.5080, 39.9190, 86.0550

Conversions

Conversions Part 2

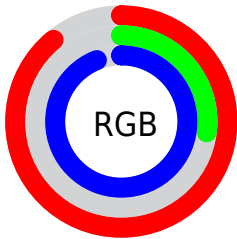
Format	Color
R _{YB}	228, 70, 239
Decimal	14960367
CIE _{Lab}	59.08, 79.45, -54.18
CIE _{LCh}	59, 96.166, 325.712
Yxy	27.1185, 0.3089, 0.1682
Android (android.graphics.Color)	4293150447 (0xFFE446EF)
YUV	136.5080, 50.5286, 80.2385
Hunter-Lab	52.0755, 79.5714, -59.4992

Details

The YIQ color **136.5080, 39.9190, 86.0550** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **172.4920, -39.9190, -86.0550**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2120, 34.1000, 64.8520**, and **70.9800, 41.7060, 92.2180** is the 20% darker color. If you saturate the color by 10%, you get **122.1210, 45.9230, 98.3950**, and if you desaturate by 10%, it is **151.1940, 34.5110, 73.9270**.

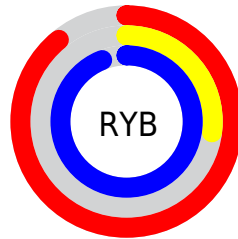
Distribution



Red (89%)

Green (27%)

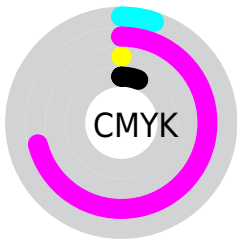
Blue (94%)



Red (89%)

Yellow (27%)

Blue (94%)

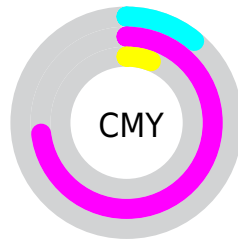


Cyan (5%)

Magenta (71%)

Yellow (0%)

Black (6%)



Cyan (11%)


Magenta (73%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.5080, 39.9190, 86.0550 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 136.5080, 39.9190, 86.0550 by changing the saturation by 10% instead.


 136.5080, 39.9190,
86.0550


 136.5080, 39.9190,
86.0550


255.0000, -0.0000,
-0.0000


 101.3390, 42.0730,
91.0730


 182.2120, 34.1000,
64.8520


 71.2790, 42.3020,
92.4300


 199.8220, 25.8500,
49.1620

 59.2310, 33.0890,
77.6730

 217.4320, 17.6000,
33.4720

 47.7810, 25.0680,
63.3400

 234.4550, 9.6250,
18.3050

 36.1460, 16.1300,
49.1060

 252.6520, 1.1000,
2.0920

 25.6360, 8.3380,
36.1300

 13.0330, -3.6260,

21.6700

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 136.5080, 39.9190,
86.0550

■ 136.5080, 39.9190,
86.0550

■ 122.1210, 45.9230,
98.3950

■ 151.1940, 34.5110,
73.9270

■ 107.4350, 51.3310,
110.5230

■ 165.5810, 28.5070,
61.5870

■ 94.2220, 56.7850,
121.8170

■ 180.2670, 23.0990,
49.4590

■ 194.6540, 17.0950,
37.1190

208.7530, 11.9620,
25.5140

223.1400, 5.9580,
13.1740

237.8260, 0.5500,
1.0460

248.6910, -3.8040,
-8.1560

249.2890, -2.6120,
-7.7320

Harmonies

Analogous

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



129.0560, -63.1860, 32.7980



136.5080, 39.9190, 86.0550



94.2570, 101.2620, 103.1980

Triad

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



136.5080, 39.9190, 86.0550



133.9620, 71.9430, -31.8090



128.2950, -117.3690, -26.0170

Complementary

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



136.5080, 39.9190, 86.0550



172.4920, -39.9190, -86.0550

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.



117.7900, -89.1670, -52.5510



136.5080, 39.9190, 86.0550



122.9450, 16.7460, -61.2220

Square

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



136.5080, 39.9190, 86.0550



128.1340, 119.5740, 2.5660



103.0960, -56.0590, -79.8910



130.6210, -129.4300, -11.1740

Rectangle

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



136.5080, 39.9190, 86.0550



87.9870, 118.9170, 86.0930



103.0960, -56.0590, -79.8910



125.1030, -108.3810, -34.7250

Sweetspot

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



136.5080, 39.9190, 86.0550



222.4050, 13.0620, 27.6060



95.7230, -57.2740, 46.8060



108.3190, 7.0120, 16.1000



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.



136.5080, 39.9190, 86.0550



123.4350, 51.3310, 110.5230



131.4750, 69.9080, 65.6840



112.6570, 2.7040, 6.0640



72.4040, 43.4480, 93.6880



21.9320, 13.0160, 28.4400

Inverse Universe

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



121.7850, 97.1930, 39.2490



104.4790, 124.8380, 50.3580



177.5250, -69.9080, -65.6840



111.7020, 6.8310, 2.8550



56.3840, 105.8120, 42.7400



17.2000, 32.0920, 13.1160

Previews

White Background



This preview shows how the YIQ color 136.5080, 39.9190, 86.0550 looks on a white background.

Color Contrast Check

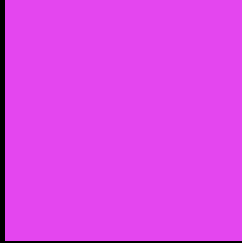
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5080, 39.9190, 86.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

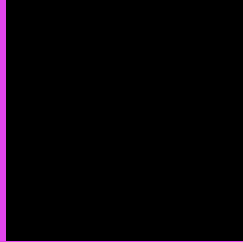
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.5080, 39.9190, 86.0550

Background



This preview shows how black text looks on a background with the YIQ color 136.5080, 39.9190, 86.0550.



This preview shows how white text looks on a background with the YIQ color 136.5080, 39.9190,

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

136.5080, 39.9190, 86.0550

Protanopia

136.0780, -69.4200, 24.6280

Deuteranopia

137.9250, -56.1680, 15.7360



Tritanopia

142.7090, 58.8200, 24.3240

Trichromacy



Original Color

136.5080, 39.9190, 86.0550



Protanomaly

136.2670, -29.6270, 46.8610



Deuteranomaly

137.1830, -20.8230, 41.4890



Tritanomaly

140.4150, 51.8010, 46.9130

Monochromacy



Original Color

136.5080, 39.9190, 86.0550



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.9970, 14.3910, 31.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5080, 39.9190, 86.0550 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(228, 70, 239)` looks like.

```
.text, #text, p{  
    color:rgb(228, 70, 239)  
}
```

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(228, 70, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 70, 239) }
```

Border

The CSS property to change the border of an element to YIQ 136.5080, 39.9190, 86.0550 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(228, 70, 239) }
```


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

```
.border{ border-color:rgb(228, 70, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 70, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 70, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 70, 239);  
box-shadow:4px 4px 4px 4px rgb(228, 70,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5080, 39.9190, 86.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 70, 239) }
```

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

```
.background{ background-color: rgb(228, 70,  
239) }
```

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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