

Converting Colors

YIQ(139.1290, 42.3040, 81.3760)

Have a look what the booklet for
YIQ(139.1290, 42.3040, 81.3760)
contains.

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Color

**YIQ(139.1290, 42.3040,
81.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	E64BE7
RGB	230, 75, 231
RGB Percent	90%, 29%, 91%
CMY	0.0976, 0.7061, 0.0941
CMYK	0.00, 0.68, 0.00, 0.09
HSL	300°, 76%, 60%
HSV	300°, 68%, 91%
XYZ	49.6085, 27.6362, 78.3299
YIQ	139.1290, 42.3040, 81.3760

Conversions

Conversions Part 2

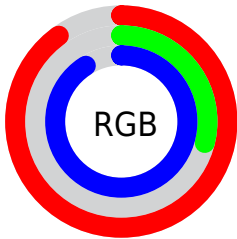
Format	Color
RYB	230, 75, 231
Decimal	15092711
CIELab	59.56, 76.89, -48.93
CIELCh	60, 91.137, 327.527
Yxy	27.6362, 0.3189, 0.1776
Android (android.graphics.Color)	4293282791 (0xFFE64BE7)
YUV	139.1290, 45.2924, 79.6939
Hunter-Lab	52.5702, 76.4458, -51.5433

Details

The YIQ color **139.1290, 42.3040, 81.3760** 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 **166.8710, -42.3040, -81.3760**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5600, 33.0000, 62.7600**, and **71.0790, 45.7410, 90.6770** is the 20% darker color. If you saturate the color by 10%, you get **125.6280, 48.6290, 93.4050**, and if you desaturate by 10%, it is **152.6300, 35.9790, 69.3470**.

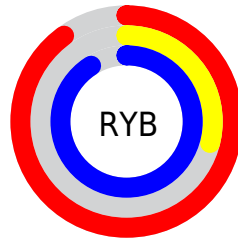
Distribution



Red (90%)

Green (29%)

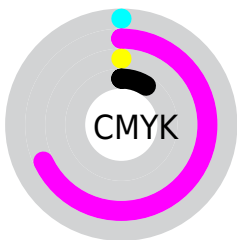
Blue (91%)



Red (90%)

Yellow (29%)

Blue (91%)

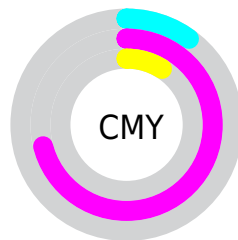


Cyan (0%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (10%)


Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.1290, 42.3040, 81.3760 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 139.1290, 42.3040, 81.3760 by changing the saturation by 10% instead.


 139.1290, 42.3040,
81.3760


 139.1290, 42.3040,
81.3760


255.0000, -0.0000,
-0.0000


 105.8350, 43.3120,
85.1360


 184.5600, 33.0000,
62.7600

 71.0790, 45.7410,
90.6770


 202.1700, 24.7500,
47.0700

 59.3300, 37.1240,
76.1320

 219.1930, 16.7750,
31.9030

 47.5810, 28.5070,
61.5870

 236.8030, 8.5250,
16.2130

 36.3590, 19.8440,
47.8760

254.4130, 0.2750,
0.5230

 25.7350, 12.3730,
34.5890

 13.8440, 1.2800,

20.8640

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 139.1290, 42.3040,
81.3760

■ 139.1290, 42.3040,
81.3760

■ 125.6280, 48.6290,
93.4050

■ 152.6300, 35.9790,
69.3470

■ 112.1270, 54.9540,
105.4340

■ 166.1310, 29.6540,
57.3180

■ 98.6260, 61.2790,
117.4630

■ 179.9310, 23.9250,
45.5010

■ 95.1040, 62.9290,
120.6010

■ 193.4320, 17.6000,
33.4720

206.9330, 11.2750,
21.4430

221.0210, 4.6750,
8.8910

234.5220, -1.6500,
-3.1380

245.0880, -6.6000,
-12.5520

Harmonies

Analogous

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



135.9330, -49.4780, 37.6740



139.1290, 42.3040, 81.3760



93.8010, 102.5460, 101.9540

Triad

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



139.1290, 42.3040, 81.3760



134.5270, 68.7340, -34.2260



128.5230, -118.0110, -25.3950

Complementary

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



139.1290, 42.3040, 81.3760



166.8710, -42.3040, -81.3760

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.



118.5880, -91.4140, -50.3740



139.1290, 42.3040, 81.3760



124.1190, 16.1960, -62.2680

Square

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



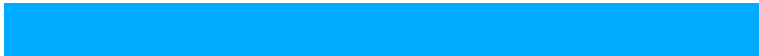
139.1290, 42.3040, 81.3760



131.3350, 114.3940, -2.6780



105.6210, -61.7910, -75.1270



130.0340, -129.1550, -10.6510

Rectangle

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



139.1290, 42.3040, 81.3760



99.4990, 114.0590, 75.0110



105.6210, -61.7910, -75.1270



125.5590, -109.6650, -33.4810

Sweetspot

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



139.1290, 42.3040, 81.3760



225.0630, 14.0250, 26.6730



94.5450, -50.9010, 46.9470



109.5040, 7.9290, 16.0010



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.



139.1290, 42.3040, 81.3760



133.1920, 56.3290, 108.0490



130.8780, 66.9750, 58.2630



107.9560, 3.3000, 6.2760



73.3290, 48.0330, 93.1930



21.0630, 14.0250, 26.6730

Inverse Universe

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



121.7580, 92.6550, 33.3830



110.1210, 122.7300, 44.5060



175.1220, -66.9750, -58.2630



106.5880, 7.1520, 2.5440



53.6350, 106.3630, 38.2590



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 139.1290, 42.3040, 81.3760 looks on a white background.

Color Contrast Check

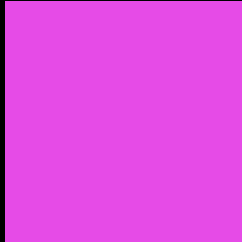
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1290, 42.3040, 81.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

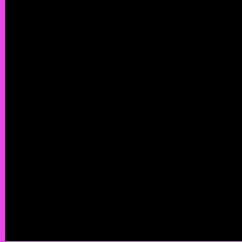
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.1290, 42.3040, 81.3760

Background



This preview shows how black text looks on a background with the YIQ color 139.1290, 42.3040, 81.3760.



This preview shows how white text looks on a background with the YIQ color 139.1290, 42.3040,

81.3760.

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

139.1290, 42.3040, 81.3760

Protanopia

137.5620, -67.9070, 24.7410

Deuteranopia

140.7150, -46.7690, 16.1030



Tritanopia

143.6060, 60.6080, 24.9600

Trichromacy



Original Color

139.1290, 42.3040, 81.3760



Protanomaly

137.9960, -27.4260, 45.5180



Deuteranomaly

139.9510, -14.3580, 39.9620



Tritanomaly

142.1440, 54.0020, 45.5700

Monochromacy



Original Color

139.1290, 42.3040, 81.3760



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

139.1280, 15.4000, 29.2880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.1290, 42.3040, 81.3760 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(230, 75, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 75, 231)  
}
```

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(230, 75, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 75, 231) }
```

Border

The CSS property to change the border of an element to YIQ 139.1290, 42.3040, 81.3760 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(230, 75, 231) }
```


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

```
.border{ border-color:rgb(230, 75, 231) }
```

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

Here you see how a box with a 4 pixel rgb(230, 75, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 75, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 75, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 75,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 139.1290, 42.3040, 81.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 75, 231) }
```

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

```
.background{ background-color: rgb(230, 75,  
231) }
```

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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