

Converting Colors

YIQ(136.8840, 50.7840, 92.8960)

Have a look what the booklet for
YIQ(136.8840, 50.7840, 92.8960)
contains.

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Color

**YIQ(136.8840, 50.7840,
92.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	F33FEF
RGB	243, 63, 239
RGB Percent	95%, 25%, 94%
CMY	0.0465, 0.7532, 0.0627
CMYK	0.00, 0.74, 0.02, 0.05
HSL	301°, 88%, 60%
HSV	301°, 74%, 95%
XYZ	54.3653, 28.8588, 84.3792
YIQ	136.8840, 50.7840, 92.8960

Conversions

Conversions Part 2

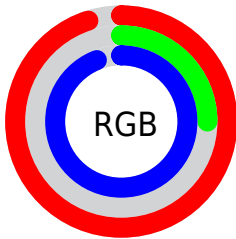
Format	Color
R _{YB}	243, 63, 239
Decimal	15941615
CIE Lab	60.66, 84.63, -51.54
CIE LCh	61, 99.088, 328.659
Yxy	28.8588, 0.3244, 0.1722
Android (android.graphics.Color)	4294131695 (0xFFFF33FEF)
YUV	136.8840, 50.3432, 93.0637
Hunter-Lab	53.7204, 86.6324, -55.5232

Details

The YIQ color **136.8840, 50.7840, 92.8960** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **169.1160, -50.7840, -92.8960**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4510, 34.9250, 66.4210**, and **75.4650, 50.6460, 95.3980** is the 20% darker color. If you saturate the color by 10%, you get **122.6820, 57.7050, 105.1370**, and if you desaturate by 10%, it is **151.0860, 43.8630, 80.6550**.

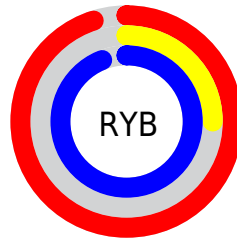
Distribution



Red (95%)

Green (25%)

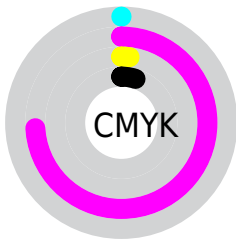
Blue (94%)



Red (95%)

Yellow (25%)

Blue (94%)

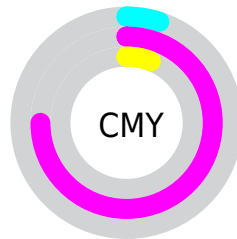


Cyan (0%)

Magenta (74%)

Yellow (2%)

Black (5%)



Cyan (5%)


Magenta (75%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8840, 50.7840, 92.8960 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 136.8840, 50.7840, 92.8960 by changing the saturation by 10% instead.


 136.8840, 50.7840,
92.8960


 136.8840, 50.7840,
92.8960


255.0000, -0.0000,
-0.0000


 92.9100, 57.0630,
105.7590


 180.4510, 34.9250,
66.4210


 75.4650, 50.6460,
95.3980


 198.0610, 26.6750,
50.7310


 63.4170, 41.4330,
80.6410


 215.6710, 18.4250,
35.0410

 51.6680, 32.8160,
66.0960

 233.8680, 9.9000,
18.8280

 40.0330, 23.8780,
51.8620

 251.4780, 1.6500,
3.1380

 29.2240, 15.4900,
38.6740

 17.2190, 4.7180,

24.6380

■ 4.1210, -10.2260,
9.1180

■ 0.2280, -0.6420,
0.6220

■ 136.8840, 50.7840,
92.8960

■ 136.8840, 50.7840,
92.8960

■ 122.6820, 57.7050,
105.1370

■ 151.0860, 43.8630,
80.6550

■ 108.0070, 64.5800,
118.2120

■ 165.7610, 36.9880,
67.5800

■ 99.7890, 68.4300,
125.5340

■ 179.9630, 30.0670,
55.3390

■ 194.0510, 23.4670,
42.7870

208.8400, 16.2710,
30.0230

222.9280, 9.6710,
17.4710

237.1300, 2.7500,
5.2300

250.0440, -3.3000,
-6.2760

250.1580, -3.6210,
-5.9650

Harmonies

Analogous

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



136.2430, -47.4150, 38.8330



136.8840, 50.7840, 92.8960



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.



136.8840, 50.7840, 92.8960



137.4730, 68.8260, -35.8940



132.9400, -123.5590, -23.9670

Complementary

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



136.8840, 50.7840, 92.8960



169.1160, -50.7840, -92.8960

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.



122.2070, -94.7150, -51.1230



136.8840, 50.7840, 92.8960



124.3630, 9.4570, -66.7910

Square

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



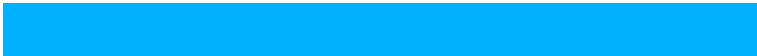
136.8840, 50.7840, 92.8960



132.8410, 118.8410, -0.6710



108.1000, -61.8820, -78.9860



132.9690, -130.5300, -13.2660

Rectangle

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



136.8840, 50.7840, 92.8960



87.3030, 120.8430, 84.2270



108.1000, -61.8820, -78.9860



129.6340, -114.2500, -32.9860

Sweetspot

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



136.8840, 50.7840, 92.8960



222.0140, 15.7210, 28.9770



84.4170, -55.9920, 56.6160



107.9280, 9.6710, 17.4710



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.



136.8840, 50.7840, 92.8960



121.1810, 64.0300, 117.1660



126.7380, 79.3530, 65.2170



114.9560, 3.3000, 6.2760



76.3620, 52.4340, 96.0340



24.1390, 16.8670, 30.2350

Inverse Universe

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



136.8840, 50.7840, 92.8960



121.1810, 64.0300, 117.1660



179.2620, -79.3530, -65.2170



114.9560, 3.3000, 6.2760



76.3620, 52.4340, 96.0340



24.1390, 16.8670, 30.2350

Previews

White Background



This preview shows how the YIQ color 136.8840, 50.7840, 92.8960 looks on a white background.

Color Contrast Check

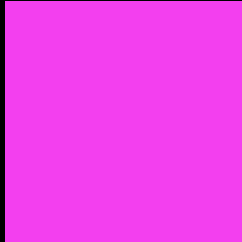
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8840, 50.7840, 92.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

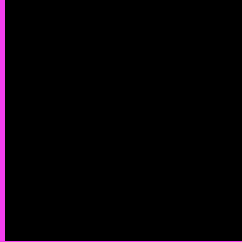
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8840, 50.7840, 92.8960

Background



This preview shows how black text looks on a background with the YIQ color 136.8840, 50.7840, 92.8960.



This preview shows how white text looks on a background with the YIQ color 136.8840, 50.7840,

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

136.8840, 50.7840, 92.8960

Protanopia

141.1170, -65.1560, 24.4440

Deuteranopia

142.9750, -50.4370, 16.4990



Tritanopia

144.9770, 69.8690, 27.8290

Trichromacy



Original Color

136.8840, 50.7840, 92.8960



Protanomaly

139.5560, -23.0710, 49.1930



Deuteranomaly

140.7710, -13.6710, 44.0330



Tritanomaly

142.2100, 62.8040, 51.2520

Monochromacy



Original Color

136.8840, 50.7840, 92.8960



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.0300, 18.7920, 33.8960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8840, 50.7840, 92.8960 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(243, 63, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 63, 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(243, 63, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 63, 239) }
```

Border

The CSS property to change the border of an element to YIQ 136.8840, 50.7840, 92.8960 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(243, 63, 239) }
```


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

```
.border{ border-color:rgb(243, 63, 239) }
```

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

Here you see how a box with a 4 pixel rgb(243, 63, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 63, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 63, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 63,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8840, 50.7840, 92.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 63, 239) }
```

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

```
.background{ background-color: rgb(243, 63,  
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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