

Converting Colors

YIQ(146.2760, 46.3840, 84.5280)

Have a look what the booklet for
YIQ(146.2760, 46.3840, 84.5280)
contains.

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Color

**YIQ(146.2760, 46.3840,
84.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	F34FEF
RGB	243, 79, 239
RGB Percent	95%, 31%, 94%
CMY	0.0466, 0.6904, 0.0627
CMYK	0.00, 0.68, 0.02, 0.05
HSL	302°, 87%, 63%
HSV	302°, 68%, 95%
XYZ	55.3786, 30.8919, 84.7172
YIQ	146.2760, 46.3840, 84.5280

Conversions

Conversions Part 2

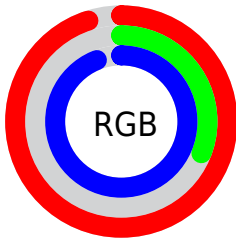
Format	Color
R _Y B	243, 79, 239
Decimal	15945711
CIE Lab	62.42, 79.61, -48.75
CIE LCh	62, 93.350, 328.518
Yxy	30.8919, 0.3239, 0.1807
Android (android.graphics.Color)	4294135791 (0xFFFF34FEF)
YUV	146.2760, 45.7129, 84.8269
Hunter-Lab	55.5805, 80.5857, -51.4650

Details

The YIQ color **146.2760, 46.3840, 84.5280** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **175.7240, -46.3840, -84.5280**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.4950, 31.6250, 60.1450**, and **75.4650, 50.6460, 95.3980** is the 20% darker color. If you saturate the color by 10%, you get **132.0740, 53.3050, 96.7690**, and if you desaturate by 10%, it is **160.4780, 39.4630, 72.2870**.

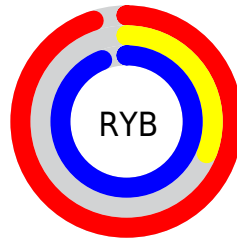
Distribution



Red (95%)

Green (31%)

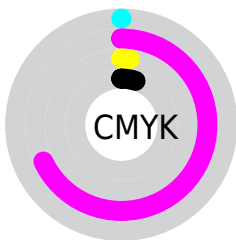
Blue (94%)



Red (95%)

Yellow (31%)

Blue (94%)

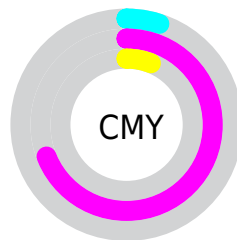


Cyan (0%)

Magenta (68%)

Yellow (2%)

Black (5%)



Cyan (5%)


Magenta (69%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.2760, 46.3840, 84.5280 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 146.2760, 46.3840, 84.5280 by changing the saturation by 10% instead.


 146.2760, 46.3840,
84.5280


 146.2760, 46.3840,
84.5280


255.0000, -0.0000,
-0.0000


 112.8680, 47.7130,
87.9770


 187.4950, 31.6250,
60.1450

 75.4650, 50.6460,
95.3980


 205.1050, 23.3750,
44.4550


 63.7160, 42.0290,
80.8530

 222.1280, 15.4000,
29.2880

 51.9670, 33.4120,
66.3080

 239.7380, 7.1500,
13.5980

 40.4460, 24.1530,
52.3850

 29.5230, 16.0860,
38.8860

 18.1160, 6.5060,

25.2740

■ 3.6480, -10.2720,
9.9520

■ 0.3420, -0.9630,
0.9330

■ 146.2760, 46.3840,
84.5280

■ 146.2760, 46.3840,
84.5280

■ 132.0740, 53.3050,
96.7690

■ 160.4780, 39.4630,
72.2870

■ 117.3990, 60.1800,
109.8440

■ 175.1530, 32.5880,
59.2120

■ 103.1970, 67.1010,
122.0850

■ 189.3550, 25.6670,
46.9710

■ 99.6750, 68.7510,
125.2230

■ 203.4430, 19.0670,
34.4190

218.2320, 11.8710,
21.6550

232.4340, 4.9500,
9.4140

246.5220, -1.6500,
-3.1380

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.



143.0540, -42.5090, 38.0270



146.2760, 46.3840, 84.5280



100.2410, 98.1910, 98.2790

Triad

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



146.2760, 46.3840, 84.5280



141.3160, 70.7060, -36.9260



135.2880, -124.6590, -26.0590

Complementary

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



146.2760, 46.3840, 84.5280



175.7240, -46.3840, -84.5280

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.



125.0110, -97.0990, -51.9710



146.2760, 46.3840, 84.5280



130.2990, 15.5090, -66.3390

Square

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



146.2760, 46.3840, 84.5280



138.1350, 117.8330, -4.4310



111.8160, -66.8340, -77.3460



134.7300, -131.3550, -14.8350

Rectangle

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



146.2760, 46.3840, 84.5280



106.8850, 109.7960, 69.6680



111.8160, -66.8340, -77.3460



132.2100, -115.9920, -34.4560

Sweetspot

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



146.2760, 46.3840, 84.5280



224.9490, 14.3460, 26.3620



98.5930, -50.8560, 51.6400



109.6890, 8.8460, 15.9020



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.



146.2760, 46.3840, 84.5280



132.9210, 58.5300, 106.7060



137.0420, 72.3850, 59.3370



114.9560, 3.3000, 6.2760



76.2480, 52.7550, 95.7230



24.1390, 16.8670, 30.2350

Inverse Universe

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



146.2760, 46.3840, 84.5280



132.9210, 58.5300, 106.7060



184.9580, -72.3850, -59.3370



114.9560, 3.3000, 6.2760



76.2480, 52.7550, 95.7230



24.1390, 16.8670, 30.2350

Previews

White Background



This preview shows how the YIQ color 146.2760, 46.3840, 84.5280 looks on a white background.

Color Contrast Check

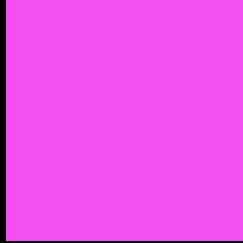
Large Text (above 18pt) WCAG AA × Fail

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 146.2760, 46.3840, 84.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

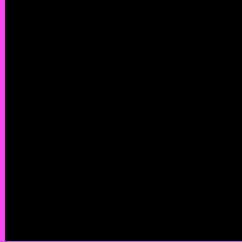
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.2760, 46.3840, 84.5280

Background



This preview shows how black text looks on a background with the YIQ color 146.2760, 46.3840, 84.5280.



This preview shows how white text looks on a background with the YIQ color 146.2760, 46.3840,

84.5280.

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

146.2760, 46.3840, 84.5280

Protanopia

147.0420, -60.5710, 23.9490

Deuteranopia

148.4270, -45.8980, 16.8380



Tritanopia

150.4110, 65.6510, 27.1790

Trichromacy



Original Color

146.2760, 46.3840, 84.5280



Protanomaly

146.9320, -21.3740, 45.9700



Deuteranomaly

147.6740, -12.0200, 41.6440



Tritanomaly

149.0630, 58.7240, 48.1000

Monochromacy



Original Color

146.2760, 46.3840, 84.5280



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

146.2530, 16.5460, 30.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2760, 46.3840, 84.5280 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, 79, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 79, 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, 79, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 79, 239) }
```

Border

The CSS property to change the border of an element to YIQ 146.2760, 46.3840, 84.5280 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, 79, 239) }
```


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

```
.border{ border-color:rgb(243, 79, 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, 79, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 79, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 79, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 79,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2760, 46.3840, 84.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 79, 239) }
```

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

```
.background{ background-color: rgb(243, 79,  
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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