

Converting Colors

YIQ(116.4140, 55.8240,
111.6960)

Have a look what the booklet for
YIQ(116.4140, 55.8240, 111.6960)
contains.

YIQ(116.4140, 55.8240, 111.6960)	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(116.4140, 55.8240,
111.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	EF1DF5
RGB	239, 29, 245
RGB Percent	94%, 11%, 96%
CMY	0.0621, 0.8865, 0.0392
CMYK	0.02, 0.88, 0.00, 0.04
HSL	298°, 92%, 54%
HSV	298°, 88%, 96%
XYZ	52.5720, 25.8467, 88.6153
YIQ	116.4140, 55.8240, 111.6960

Conversions

Conversions Part 2

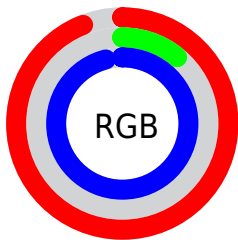
Format	Color
R _Y B	239, 29, 245
Decimal	15670773
CIE Lab	57.89, 91.94, -59.33
CIE LCh	58, 109.418, 327.164
Yxy	25.8467, 0.3147, 0.1547
Android (android.graphics.Color)	4293860853 (0xFFEF1DF5)
YUV	116.4140, 63.3929, 107.5079
Hunter-Lab	50.8397, 95.6127, -67.7568

Details

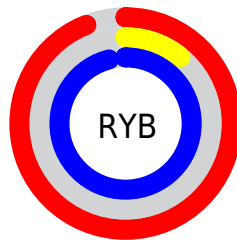
The YIQ color **116.4140, 55.8240, 111.6960** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **157.5860, -55.8240, -111.6960**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 40.1500, 76.3580**, and **74.6540, 45.7400, 96.2040** is the 20% darker color. If you saturate the color by 10%, you get **101.4400, 62.1030, 124.5590**, and if you desaturate by 10%, it is **130.8010, 49.8200, 99.3560**.

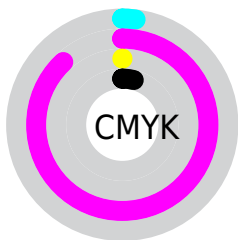
Distribution



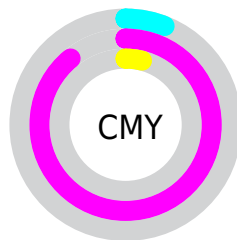
- Red (94%)
- Green (11%)
- Blue (96%)



- Red (94%)
- Yellow (11%)
- Blue (96%)



- Cyan (2%)
- Magenta (88%)
- Yellow (0%)
- Black (4%)





- Cyan (6%)
- Magenta (89%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.4140, 55.8240, 111.6960 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 116.4140, 55.8240, 111.6960 by changing the saturation by 10% instead.


 116.4140, 55.8240,
111.6960


 116.4140, 55.8240,
111.6960


255.0000, -0.0000,
-0.0000


 86.8160, 54.6320,
111.2720


 169.2980, 40.1500,
76.3580


 74.6540, 45.7400,
96.2040


 188.0820, 31.3500,
59.6220


 62.4920, 36.8480,
81.1360


 206.2790, 22.8250,
43.4090

 50.7430, 28.2310,
66.5910

 223.8890, 14.5750,
27.7190

 38.8090, 18.6970,
52.1450

 242.0860, 6.0500,
11.5060

 27.5870, 10.0340,
38.4340

 15.2830, -1.3340,

24.1860

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 116.4140, 55.8240,
111.6960

■ 116.4140, 55.8240,
111.6960

■ 101.4400, 62.1030,
124.5590

■ 130.8010, 49.8200,
99.3560

■ 99.0920, 63.2030,
126.6510

■ 145.4760, 42.9450,
86.2810

■ 159.8630, 36.9410,
73.9410

■ 174.8370, 30.6620,
61.0780

■ 188.9250, 24.0620,
48.5260

■ 203.8990, 17.7830,
35.6630

■ 218.2860, 11.7790,
23.3230

■ 232.9610, 4.9040,
10.2480

■ 247.3480, -1.1000,
-2.0920

Harmonies

Analogous

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



119.8640, -71.3930, 32.8550



116.4140, 55.8240, 111.6960



93.6870, 102.8670, 101.6430

Triad

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



116.4140, 55.8240, 111.6960



130.9940, 68.9170, -32.0350



128.9620, -120.6250, -22.0730

Complementary

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



116.4140, 55.8240, 111.6960



157.5860, -55.8240, -111.6960

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.



117.2030, -88.8920, -52.0280



116.4140, 55.8240, 111.6960



116.3670, 3.6340, -65.8860

Square

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



116.4140, 55.8240, 111.6960



123.1610, 124.1120, 8.4320



99.7900, -46.7500, -88.9100



130.6210, -129.4300, -11.1740

Rectangle

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



116.4140, 55.8240, 111.6960



86.5050, 123.0900, 82.0500



99.7900, -46.7500, -88.9100



125.4280, -110.6740, -31.7140

Sweetspot

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



116.4140, 55.8240, 111.6960



215.6600, 16.9580, 34.0940



57.7330, -71.2610, 63.5150



103.9220, 9.8080, 20.4960



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.



116.4140, 55.8240, 111.6960



103.2220, 65.9530, 131.8810



106.6940, 91.8210, 81.5570



114.9560, 3.3000, 6.2760



75.3230, 48.1700, 96.2180



23.7690, 15.0330, 30.4330

Inverse Universe

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



94.2680, 126.8100, 47.6580



77.0430, 149.7330, 56.2370



167.3060, -91.8210, -81.5570



113.5880, 7.1520, 2.5440



56.1840, 109.2510, 40.9870



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 116.4140, 55.8240, 111.6960 looks on a white background.

Color Contrast Check

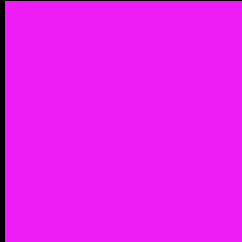
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.4140, 55.8240, 111.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

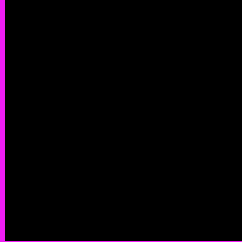
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.4140, 55.8240, 111.6960

Background



This preview shows how black text looks on a background with the YIQ color 116.4140, 55.8240, 111.6960.



This preview shows how white text looks on a background with the YIQ color 116.4140, 55.8240,

111.6960.

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

116.4140, 55.8240, 111.6960

Protanopia

131.9250, -73.3630, 24.5010

Deuteranopia

132.4340, -64.9710, 15.5810



Tritanopia

136.7600, 71.9780, 28.1540

Trichromacy



Original Color

116.4140, 55.8240, 111.6960



Protanomaly

126.2170, -26.1900, 56.1620



Deuteranomaly

126.8660, -21.0080, 50.3520



Tritanomaly

129.6930, 66.0580, 58.3620

Monochromacy



Original Color

116.4140, 55.8240, 111.6960



Achromatopsia

116.0000, -0.0000, 0.0000



Achromatomaly

116.0290, 20.5330, 40.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.4140, 55.8240, 111.6960 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(239, 29, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 29, 245)  
}
```

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(239, 29, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 29, 245) }
```

Border

The CSS property to change the border of an element to YIQ 116.4140, 55.8240, 111.6960 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(239, 29, 245) }
```


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

```
.border{ border-color:rgb(239, 29, 245) }
```

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

Here you see how a box with a 4 pixel rgb(239, 29, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 29, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 29, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 29,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 116.4140, 55.8240, 111.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 29, 245) }
```

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

```
.background{ background-color: rgb(239, 29,  
245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor