

Converting Colors

YIQ(101.4340, 103.5160,
62.3320)

Have a look what the booklet for
YIQ(101.4340, 103.5160, 62.3320)
contains.

YIQ(101.4340, 103.5160, 62.3320)	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(101.4340, 103.5160,
62.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	EF215D
RGB	239, 33, 93
RGB Percent	94%, 13%, 36%
CMY	0.0622, 0.8708, 0.6349
CMYK	0.00, 0.86, 0.61, 0.06
HSL	342°, 87%, 53%
HSV	342°, 86%, 94%
XYZ	38.1634, 20.2490, 12.2745
YIQ	101.4340, 103.5160, 62.3320

Conversions

Conversions Part 2

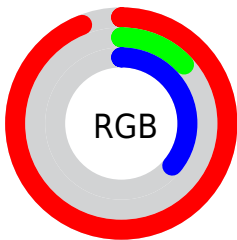
Format	Color
R_{YB}	239, 33, 93
Decimal	15671645
CIE Lab	52.12, 75.26, 20.83
CIE LCh	52, 78.088, 15.470
Yxy	20.2490, 0.5399, 0.2865
Android (android.graphics.Color)	4293861725 (0xFFEF215D)
YUV	101.4340, -4.1580, 120.6454
Hunter-Lab	44.9989, 72.6370, 15.3265

Details

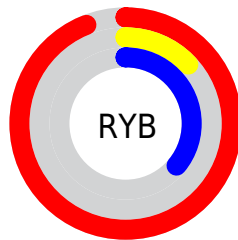
The YIQ color **101.4340, 103.5160, 62.3320** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **170.5660, -103.5160, -62.3320**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1820, 77.2020, 43.6180**, and **57.7970, 88.8920, 52.0280** is the 20% darker color. If you saturate the color by 10%, you get **85.4080, 115.5730, 69.5970**, and if you desaturate by 10%, it is **117.4600, 91.4590, 55.0670**.

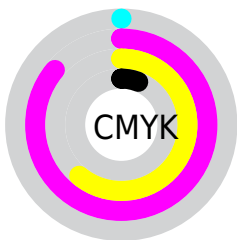
Distribution



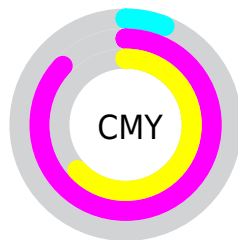
- Red (94%)
- Green (13%)
- Blue (36%)



- Red (94%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (86%)
- Yellow (61%)
- Black (6%)





- Cyan (6%)
- Magenta (87%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.4340, 103.5160, 62.3320 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 101.4340, 103.5160, 62.3320 by changing the saturation by 10% instead.


 101.4340,
103.5160, 62.3320


 101.4340,
103.5160, 62.3320


255.0000, -0.0000,
-0.0000


 69.8730, 100.9020,
65.6540


 154.1820, 77.2020,
43.6180


 57.7970, 88.8920,
52.0280


 174.7560, 60.6060,
36.0140


 46.2480, 76.8360,
39.2360

 195.4440, 43.6890,
28.7210

 33.9010, 67.0270,
24.2670

 216.2460, 26.4510,
21.7390

 24.8600, 47.9090,
18.3170

 237.1620, 8.8920,
15.0680

 15.4770, 29.7540,
11.4340

 0.0000, 0.0000,

0.0000

■ 101.4340,
103.5160, 62.3320

■ 101.4340,
103.5160, 62.3320

■ 85.4080, 115.5730,
69.5970

■ 117.4600, 91.4590,
55.0670

■ 79.4410, 119.9740,
72.4380

■ 133.4860, 79.4020,
47.8020

■ 149.5120, 67.3450,
40.5370

■ 165.5380, 55.2880,
33.2720

■ 181.5640, 43.2310,
26.0070

■ 197.0030, 31.4490,
19.2650

213.0290, 19.3920,
12.0000

229.0550, 7.3350,
4.7350

245.0810, -4.7220,
-2.5300

Harmonies

Analogous

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



110.1690, 71.1900, 75.4940



101.4340, 103.5160, 62.3320



112.7690, 102.1490, 15.5010

Triad

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



101.4340, 103.5160, 62.3320



89.0020, -32.1270, -73.0790



112.4240, -120.9050, 5.0390

Complementary

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



101.4340, 103.5160, 62.3320



170.5660, -103.5160, -62.3320

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.



113.6030, -111.8240, -10.8640



101.4340, 103.5160, 62.3320



98.6690, -69.7730, -51.6050

Square

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



101.4340, 103.5160, 62.3320



113.0650, 34.6240, -43.8080



107.8230, -92.7930, -30.8810



100.0970, -115.1300, 16.0220

Rectangle

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



101.4340, 103.5160, 62.3320



115.8200, 87.8030, -10.8610



107.8230, -92.7930, -30.8810



113.8600, -119.4370, 0.4590

Sweetspot

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



101.4340, 103.5160, 62.3320



210.9000, 33.2370, 19.9010



99.5400, 19.6980, 94.5940



101.3280, 19.9880, 12.2120



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.



101.4340, 103.5160, 62.3320



84.6810, 128.2260, 77.0740



118.6610, 111.5010, 22.2290



111.9300, 6.1890, 3.4770



61.1720, 92.3300, 55.8020



18.5680, 28.2400, 16.8480

Inverse Universe

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



101.4340, 103.5160, 62.3320



84.6810, 128.2260, 77.0740



153.3390, -111.5010, -22.2290



111.9300, 6.1890, 3.4770



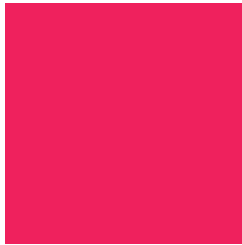
61.1720, 92.3300, 55.8020



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 101.4340, 103.5160, 62.3320 looks on a white background.

Color Contrast Check

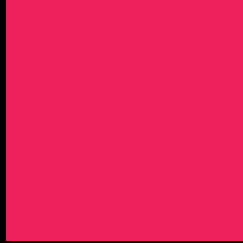
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.4340, 103.5160, 62.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

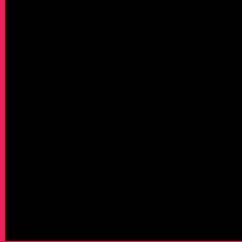
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 101.4340, 103.5160, 62.3320

Background



This preview shows how black text looks on a background with the YIQ color 101.4340, 103.5160, 62.3320.



This preview shows how white text looks on a background with the YIQ color 101.4340, 103.5160,

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

101.4340, 103.5160, 62.3320

Protanopia

125.2110, -1.9720, 2.7000

Deuteranopia

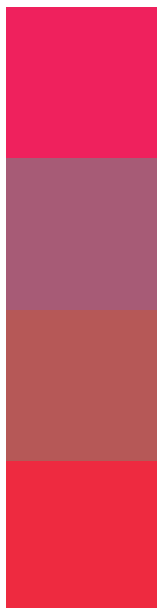
124.1650, 30.0320, -4.6240



Tritanopia

103.8100, 113.2400, 40.2800

Trichromacy



Original Color

101.4340, 103.5160, 62.3320

Protanomaly

116.8020, 36.6290, 24.5090

Deuteranomaly

115.9920, 56.3450, 19.6170

Tritanomaly

103.1120, 109.7540, 48.3940

Monochromacy



Original Color

101.4340, 103.5160, 62.3320

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.9330, 37.6380, 22.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.4340, 103.5160, 62.3320 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, 33, 93)` looks like.

```
.text, #text, p{  
    color:rgb(239, 33, 93)  
}
```

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, 33, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 33, 93) }
```

Border

The CSS property to change the border of an element to YIQ 101.4340, 103.5160, 62.3320 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, 33, 93) }
```


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

```
.border{ border-color:rgb(239, 33, 93) }
```

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

Here you see how a box with a 4 pixel rgb(239, 33, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 33, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 33, 93);  
box-shadow:4px 4px 4px 4px rgb(239, 33,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 101.4340, 103.5160, 62.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 33, 93) }
```

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

```
.background{ background-color: rgb(239, 33,  
93) }
```

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