

Converting Colors

YIQ(99.6340, 58.8010, 129.3370)

Have a look what the booklet for
YIQ(99.6340, 58.8010, 129.3370)
contains.

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Color

**YIQ(99.6340, 58.8010,
129.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	EC00FF
RGB	236, 0, 255
RGB Percent	93%, 0%, 100%
CMY	0.0738, 0.9999, 0.0000
CMYK	0.07, 1.00, 0.00, 0.00
HSL	296°, 100%, 50%
HSV	296°, 100%, 100%
XYZ	52.7031, 25.0843, 96.6717
YIQ	99.6340, 58.8010, 129.3370

Conversions

Conversions Part 2

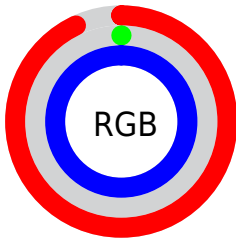
Format	Color
R _Y B	236, 0, 255
Decimal	15466751
CIE _{Lab}	57.16, 95.44, -66.09
CIE _{LCh}	57, 116.090, 325.298
Yxy	25.0843, 0.3021, 0.1438
Android (android.graphics.Color)	4293656831 (0xFFEC00FF)
YUV	99.6340, 76.5954, 119.5930
Hunter-Lab	50.0843, 100.1861, -79.3815

Details

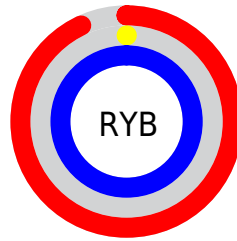
The YIQ color **99.6340, 58.8010, 129.3370** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **155.3660, -58.8010, -129.3370**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1890, 42.0750, 80.0190**, and **74.7830, 41.0630, 98.3670** is the 20% darker color. If you saturate the color by 10%, you get **99.6340, 58.8010, 129.3370**, and if you desaturate by 10%, it is **115.4940, 52.8430, 116.1630**.

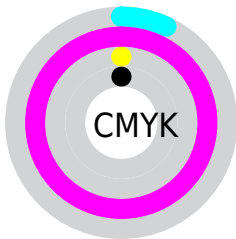
Distribution



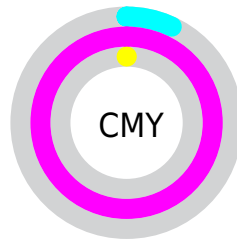
- Red (93%)
- Green (0%)
- Blue (100%)



- Red (93%)
- Yellow (0%)
- Blue (100%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.6340, 58.8010, 129.3370 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 99.6340, 58.8010, 129.3370 by changing the saturation by 10% instead.


 99.6340, 58.8010,
129.3370


 99.6340, 58.8010,
129.3370


255.0000, -0.0000,
-0.0000


 87.0590, 49.6340,
113.7460


 165.1890, 42.0750,
80.0190


 74.7830, 41.0630,
98.3670


 184.5600, 33.0000,
62.7600


 62.6210, 32.1710,
83.2990

 202.7570, 24.4750,
46.5470

 50.5730, 22.9580,
68.5420

 220.9540, 15.9500,
30.3340

 38.5250, 13.7450,
53.7850

 239.1510, 7.4250,
14.1210

 27.0040, 4.4860,
39.8620

 13.3900, -8.9450,

24.4550

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 99.6340, 58.8010,
129.3370

■ 115.4940, 52.8430,
116.1630

■ 130.7670, 47.1600,
103.5120

■ 146.6270, 41.2020,
90.3380

■ 161.9000, 35.5190,
77.6870

■ 177.7600, 29.5610,
64.5130

■ 192.7340, 23.2820,
51.6500

■ 208.5940, 17.3240,
38.4760

■ 223.8670, 11.6410,
25.8250

■ 239.7270, 5.6830,
12.6510

Harmonies

Analogous

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



98.3360, -114.3050, 17.5910



99.6340, 58.8010, 129.3370



94.2570, 101.2620, 103.1980

Triad

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



99.6340, 58.8010, 129.3370



129.5430, 71.8050, -29.3070



128.6200, -119.6620, -23.0060

Complementary

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



99.6340, 58.8010, 129.3370



155.3660, -58.8010, -129.3370

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.



115.5900, -85.7280, -54.3040



99.6340, 58.8010, 129.3370



114.8940, 3.5880, -65.0520

Square

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



99.6340, 58.8010, 129.3370



116.7370, 131.5380, 17.0260



98.6160, -46.2000, -87.8640



130.6210, -129.4300, -11.1740

Rectangle

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



99.6340, 58.8010, 129.3370



86.7330, 122.4480, 82.6720



98.6160, -46.2000, -87.8640



124.2710, -108.7940, -32.7460

Sweetspot

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



99.6340, 58.8010, 129.3370



208.5940, 17.3240, 38.4760



41.3970, -87.6300, 68.3220



99.8020, 10.2660, 23.2100



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.



99.6340, 58.8010, 129.3370



93.2310, 104.1510, 100.3990



120.0700, 2.9790, 6.5870



74.6970, 44.1810, 96.9250



24.9370, 14.6200, 32.4120

Inverse Universe

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



78.4110, 145.8810, 59.9690



161.7690, -104.1510, -100.3990



119.0010, 7.4270, 3.0670



58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 99.6340, 58.8010, 129.3370 looks on a white background.

Color Contrast Check

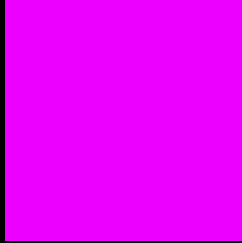
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.6340, 58.8010, 129.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

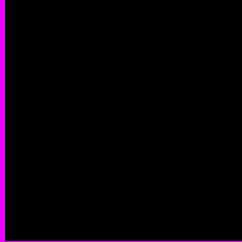
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 99.6340, 58.8010, 129.3370

Background



This preview shows how black text looks on a background with the YIQ color 99.6340, 58.8010, 129.3370.



This preview shows how white text looks on a background with the YIQ color 99.6340, 58.8010,

129.3370.

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

99.6340, 58.8010, 129.3370

Protanopia

130.1420, -75.4720, 24.1760

Deuteranopia

126.5830, -81.5680, 13.5040



Tritanopia

136.3790, 68.6770, 27.4050

Trichromacy



Original Color

99.6340, 58.8010, 129.3370

Protanomaly

119.0200, -26.8330, 62.3110

Deuteranomaly

116.6510, -30.4080, 55.5120

Tritanomaly

123.1970, 64.8190, 64.2990

Monochromacy



Original Color

99.6340, 58.8010, 129.3370

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.2020, 21.7240, 46.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6340, 58.8010, 129.3370 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(236, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 0, 255)  
}
```

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(236, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 255) }
```

Border

The CSS property to change the border of an element to YIQ 99.6340, 58.8010, 129.3370 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(236, 0, 255) }
```

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

```
.border{ border-color:rgb(236, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(236, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6340, 58.8010, 129.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 255) }
```

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

```
.background{ background-color: rgb(236, 0,  
255) }
```

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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