

# Converting Colors

YIQ(99.4080, 65.1290, 124.7850)

Have a look what the booklet for  
YIQ(99.4080, 65.1290, 124.7850)  
contains.

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# Color

**YIQ(99.4080, 65.1290,  
124.7850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF01F0
RGB	239, 1, 240
RGB Percent	94%, 0%, 94%
CMY	0.0620, 0.9963, 0.0587
CMYK	0.00, 1.00, 0.00, 0.06
HSL	300°, 99%, 47%
HSV	300°, 100%, 94%
XYZ	51.3989, 24.6944, 84.5101
YIQ	99.4080, 65.1290, 124.7850

# Conversions

## Conversions Part 2

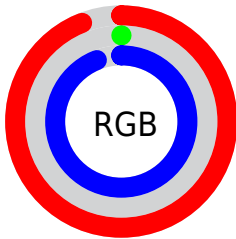
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 1, 240
Decimal	15663600
CIE <sub>Lab</sub>	56.78, 93.67, -58.32
CIE <sub>LCh</sub>	57, 110.340, 328.090
Yxy	24.6944, 0.3200, 0.1538
Android (android.graphics.Color)	4293853680 (0xFFEF01F0)
YUV	99.4080, 69.3119, 122.4222
Hunter-Lab	49.6935, 97.6625, -66.0448

# Details

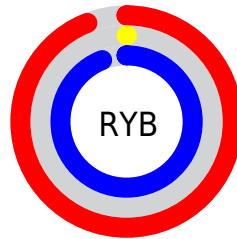
The YIQ color **99.4080, 65.1290, 124.7850** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **141.5920, -65.1290, -124.7850**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1890, 42.0750, 80.0190**, and **74.0840, 47.3450, 94.6490** is the 20% darker color. If you saturate the color by 10%, you get **98.8210, 65.4040, 125.3080**, and if you desaturate by 10%, it is **113.4960, 58.5290, 112.2330**.

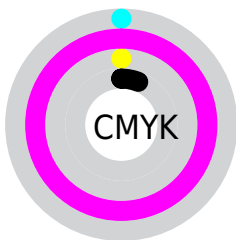
# Distribution



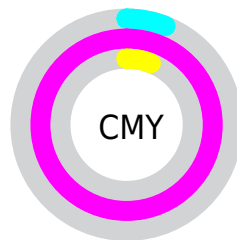
- Red (94%)
- Green (0%)
- Blue (94%)



- Red (94%)
- Yellow (0%)
- Blue (94%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 99.4080, 65.1290, 124.7850 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 99.4080, 65.1290, 124.7850 by changing the saturation by 10% instead.



99.4080, 65.1290,  
124.7850

99.4080, 65.1290,  
124.7850

255.0000, -0.0000,  
-0.0000

86.2460, 56.2370,  
109.7170

165.1890, 42.0750,  
80.0190

74.0840, 47.3450,  
94.6490

183.9730, 33.2750,  
63.2830

62.0360, 38.1320,  
79.8920

202.7570, 24.4750,  
46.5470

49.9880, 28.9190,  
65.1350

220.3670, 16.2250,  
30.8570

38.3530, 19.9810,  
50.9010

238.5640, 7.7000,  
14.6440

26.8320, 10.7220,  
36.9780

14.8270, -0.0500,

22.9420

■ 4.7080, -10.5010,  
8.5950

■ 0.3420, -0.9630,  
0.9330

■ 99.4080, 65.1290,  
124.7850

■ 99.4080, 65.1290,  
124.7850

■ 98.8210, 65.4040,  
125.3080

■ 113.4960, 58.5290,  
112.2330

■ 127.5840, 51.9290,  
99.6810

■ 141.6720, 45.3290,  
87.1290

■ 156.0590, 39.3250,  
74.7890

■ 170.1470, 32.7250,  
62.2370

■ 184.2350, 26.1250,  
49.6850

■ 198.3230, 19.5250,  
37.1330

■ 212.4110, 12.9250,  
24.5810

■ 226.4990, 6.3250,  
12.0290

# Harmonies

## Analogous

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



118.4240, -67.0380, 36.5300



99.4080, 65.1290, 124.7850



93.0030, 104.7930, 99.7770

# Triad

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



99.4080, 65.1290, 124.7850



128.0260, 65.8910, -32.2610



127.3150, -120.1210, -20.1930

# Complementary

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



99.4080, 65.1290, 124.7850



141.5920, -65.1290, -124.7850

# 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.



115.4420, -88.0670, -50.4590



99.4080, 65.1290, 124.7850



112.5020, -1.1800, -66.7480

# Square

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



99.4080, 65.1290, 124.7850



120.4920, 121.6820, 8.4180



98.0290, -45.9250, -87.3410



128.8600, -128.6050, -9.6050



# Rectangle

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



99.4080, 65.1290, 124.7850



85.9350, 124.6950, 80.4950



98.0290, -45.9250, -87.3410



123.6670, -109.8490, -30.1450

# Sweetspot

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



99.4080, 65.1290, 124.7850



210.3880, 20.9000, 39.7480



30.5940, -77.8190, 72.2370



100.6990, 12.0540, 23.8460



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.



99.4080, 65.1290, 124.7850



105.0160, 69.5290, 133.1530



86.4830, 102.9610, 88.9210



112.9560, 3.3000, 6.2760



75.6930, 50.0040, 96.0200



23.1280, 15.4000, 29.2880



# Inverse Universe

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



72.5750, 142.1230, 50.9790



76.3590, 151.6590, 54.3710



154.4030, -102.6400, -89.2320



111.5880, 7.1520, 2.5440



55.1300, 109.3430, 39.3190



16.7440, 33.3760, 11.8720



# Previews

## White Background



This preview shows how the YIQ color 99.4080, 65.1290, 124.7850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

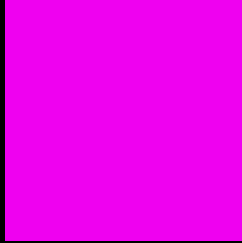
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 99.4080, 65.1290, 124.7850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

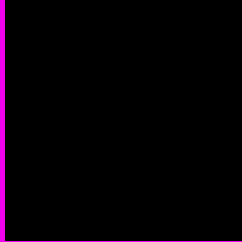
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 99.4080, 65.1290, 124.7850

## Background



This preview shows how black text looks on a background with the YIQ color 99.4080, 65.1290, 124.7850.



This preview shows how white text looks on a background with the YIQ color 99.4080, 65.1290,

124.7850.

# 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

99.4080, 65.1290, 124.7850

### Protanopia

128.9570, -76.3890, 24.2750

### Deuteranopia

130.9890, -62.2200, 15.2840



## Tritanopia

133.5540, 75.5540, 29.4260

# Trichromacy



## Original Color

99.4080, 65.1290, 124.7850



## Protanomaly

118.4500, -25.2280, 60.7560



## Deuteranomaly

119.5510, -15.5070, 55.2850



## Tritanomaly

121.2040, 72.1090, 64.3410

# Monochromacy



## Original Color

99.4080, 65.1290, 124.7850



## Achromatopsia

99.0000, -0.0000, 0.0000



## Achromatomaly

98.9310, 23.9250, 45.5010

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 99.4080, 65.1290, 124.7850 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, 1, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 1, 240)  
}
```

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, 1, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 1, 240) }
```

## Border

The CSS property to change the border of an element to YIQ 99.4080, 65.1290, 124.7850 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, 1, 240) }
```



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

```
.border{ border-color:rgb(239, 1, 240) }
```

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

Here you see how a box with a 4 pixel rgb(239, 1, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 1, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 1, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 1,  
240) }
```

# Background

The CSS property to change the background color of an element to YIQ 99.4080, 65.1290, 124.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 1, 240) }
```

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

```
.background{ background-color: rgb(239, 1,  
240) }
```

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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