

# Converting Colors

YIQ(102.1410, 61.5070,  
124.3470)

Have a look what the booklet for  
YIQ(102.1410, 61.5070, 124.3470)  
contains.

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# **Color**

**YIQ(102.1410, 61.5070,  
124.3470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE05F6
RGB	238, 5, 246
RGB Percent	93%, 2%, 96%
CMY	0.0660, 0.9806, 0.0352
CMYK	0.03, 0.98, 0.00, 0.04
HSL	298°, 96%, 49%
HSV	298°, 98%, 96%
XYZ	52.0103, 24.9694, 89.2789
YIQ	102.1410, 61.5070, 124.3470

# Conversions

## Conversions Part 2

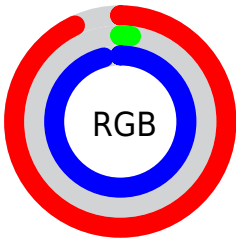
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 5, 246
Decimal	15599094
CIE Lab	57.05, 94.11, -61.25
CIE LCh	57, 112.292, 326.942
Yxy	24.9694, 0.3128, 0.1502
Android (android.graphics.Color)	4293789174 (0xFFEE05F6)
YUV	102.1410, 70.9225, 119.1483
Hunter-Lab	49.9694, 98.3439, -70.9532

# Details

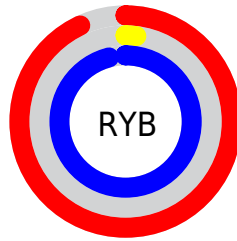
The YIQ color **102.1410, 61.5070, 124.3470** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **148.8590, -61.5070, -124.3470**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 41.8000, 79.4960**, and **74.4690, 44.8230, 96.3030** is the 20% darker color. If you saturate the color by 10%, you get **99.2060, 62.8820, 126.9620**, and if you desaturate by 10%, it is **117.1150, 55.2280, 111.4840**.

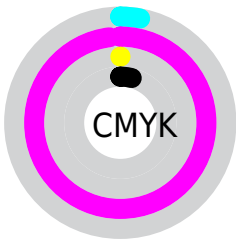
# Distribution



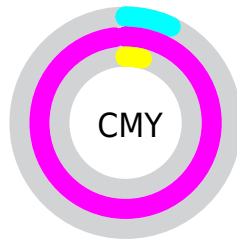
- Red (93%)
- Green (2%)
- Blue (96%)



- Red (93%)
- Yellow (2%)
- Blue (96%)



- Cyan (3%)
- Magenta (98%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (98%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 102.1410, 61.5070, 124.3470 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 102.1410, 61.5070, 124.3470 by changing the saturation by 10% instead.



102.1410, 61.5070,  
124.3470

102.1410, 61.5070,  
124.3470

255.0000, -0.0000,  
-0.0000

86.6310, 53.7150,  
111.3710

165.7760, 41.8000,  
79.4960

74.4690, 44.8230,  
96.3030

184.5600, 33.0000,  
62.7600

62.3070, 35.9310,  
81.2350

202.7570, 24.4750,  
46.5470

50.2590, 26.7180,  
66.4780

220.9540, 15.9500,  
30.3340

38.6240, 17.7800,  
52.2440

239.1510, 7.4250,  
14.1210

27.1030, 8.5210,  
38.3210

14.3860, -3.1220,

23.5500

■ 5.1640, -11.7850,  
9.8390

■ 1.2540, -3.5310,  
3.4210

■ 102.1410, 61.5070,  
124.3470

■ 102.1410, 61.5070,  
124.3470

■ 99.2060, 62.8820,  
126.9620

■ 117.1150, 55.2280,  
111.4840

■ 131.5020, 49.2240,  
99.1440

■ 146.4760, 42.9450,  
86.2810

■ 160.5640, 36.3450,  
73.7290

■ 175.5380, 30.0660,  
60.8660

■ 190.5120, 23.7870,  
48.0030

■ 204.8990, 17.7830,  
35.6630

■ 219.8730, 11.5040,  
22.8000

■ 233.9610, 4.9040,  
10.2480

# Harmonies

## Analogous

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



113.6070, -80.9750, 30.2970



102.1410, 61.5070, 124.3470



93.5730, 103.1880, 101.3320

# Triad

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



102.1410, 61.5070, 124.3470



128.6350, 68.5500, -30.8900



128.2610, -120.0290, -21.8610

# Complementary

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



102.1410, 61.5070, 124.3470



148.8590, -61.5070, -124.3470

# 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.



115.6870, -87.3790, -51.9150



102.1410, 61.5070, 124.3470



113.9970, 1.8000, -65.6880

# Square

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



102.1410, 61.5070, 124.3470



119.3400, 125.1660, 11.3580



98.6160, -46.2000, -87.8640



129.4470, -128.8800, -10.1280



# Rectangle

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



102.1410, 61.5070, 124.3470



86.2770, 123.7320, 81.4280



98.6160, -46.2000, -87.8640



124.0260, -109.4820, -31.2900

# Sweetspot

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



102.1410, 61.5070, 124.3470



210.9640, 19.1580, 38.2780



37.1700, -79.5610, 70.7670



100.9870, 11.1830, 23.1110



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.



102.1410, 61.5070, 124.3470



102.9230, 65.3570, 131.6690



91.7650, 102.2270, 91.2110



114.9560, 3.3000, 6.2760



75.0240, 47.5740, 96.0060



23.7690, 15.0330, 30.4330



# Inverse Universe

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



77.9710, 141.0680, 53.5800



77.1570, 149.4120, 56.5480



159.2350, -102.2270, -91.2110



113.7020, 6.8310, 2.8550



56.2980, 108.9300, 41.2980



17.8690, 34.5220, 13.1300



# Previews

## White Background



This preview shows how the YIQ color 102.1410, 61.5070, 124.3470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

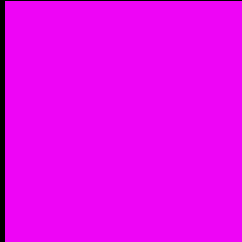
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 102.1410, 61.5070, 124.3470 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 102.1410, 61.5070, 124.3470

## Background



This preview shows how black text looks on a background with the YIQ color 102.1410, 61.5070, 124.3470.



This preview shows how white text looks on a background with the YIQ color 102.1410, 61.5070,

124.3470.

# 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

102.1410, 61.5070, 124.3470

### Protanopia

129.2560, -75.7930, 24.4870

### Deuteranopia

129.7540, -68.8680, 14.6200



## Tritanopia

135.0590, 72.5740, 28.3660

# Trichromacy



## Original Color

102.1410, 61.5070, 124.3470



## Protanomaly

119.2650, -26.1450, 60.8550



## Deuteranomaly

119.5010, -21.2380, 54.5220



## Tritanomaly

123.4100, 68.5330, 63.0690

# Monochromacy



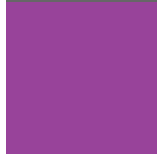
## Original Color

102.1410, 61.5070, 124.3470



## Achromatopsia

102.0000, -0.0000, -0.0000



## Achromatomaly

102.3330, 22.7330, 45.0770

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 102.1410, 61.5070, 124.3470 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(238, 5, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 5, 246)  
}
```

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(238, 5, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 5, 246) }
```

## Border

The CSS property to change the border of an element to YIQ 102.1410, 61.5070, 124.3470 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(238, 5, 246) }
```



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

```
.border{ border-color:rgb(238, 5, 246) }
```

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

Here you see how a box with a 4 pixel rgb(238, 5, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 5, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 5, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 5,  
246) }
```

# Background

The CSS property to change the background color of an element to YIQ 102.1410, 61.5070, 124.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 5, 246) }
```

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

```
.background{ background-color: rgb(238, 5,  
246) }
```

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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