

# Converting Colors

YIQ(174.0650, 30.0200, 61.7000)

Have a look what the booklet for  
YIQ(174.0650, 30.0200, 61.7000)  
contains.

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# Color

**YIQ(174.0650, 30.0200,  
61.7000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F17EF6
RGB	241, 126, 246
RGB Percent	95%, 49%, 96%
CMY	0.0545, 0.5060, 0.0353
CMYK	0.02, 0.49, 0.00, 0.04
HSL	298°, 87%, 73%
HSV	298°, 49%, 96%
XYZ	60.3963, 40.2801, 91.7858
YIQ	174.0650, 30.0200, 61.7000

# Conversions

## Conversions Part 2

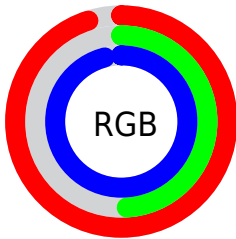
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 126, 246
Decimal	15826678
CIE Lab	69.67, 60.60, -41.23
CIE LCh	70, 73.293, 325.772
Yxy	40.2801, 0.3138, 0.2093
Android (android.graphics.Color)	4294016758 (0xFFFF17EF6)
YUV	174.0650, 35.4640, 58.7020
Hunter-Lab	63.4666, 58.7982, -41.3189

# Details

The YIQ color **174.0650, 30.0200, 61.7000** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.9350, -30.0200, -61.7000**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.1490, 20.0750, 38.1790**, and **117.9400, 28.8740, 60.4420** is the 20% darker color. If you saturate the color by 10%, you get **159.0910, 36.2990, 74.5630**, and if you desaturate by 10%, it is **189.0390, 23.7410, 48.8370**.

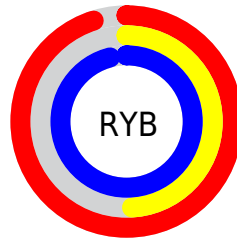
# Distribution



Red (95%)

Green (49%)

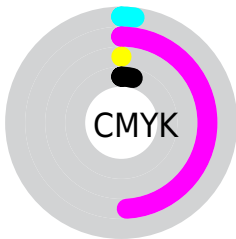
Blue (96%)



Red (95%)

Yellow (49%)

Blue (96%)

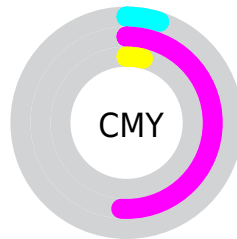


Cyan (2%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (5%)

Magenta (51%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 174.0650, 30.0200, 61.7000 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 174.0650, 30.0200, 61.7000 by changing the saturation by 10% instead.



174.0650, 30.0200,  
61.7000

174.0650, 30.0200,  
61.7000

255.0000, -0.0000,  
-0.0000

145.6520, 29.7450,  
61.1770

212.1490, 20.0750,  
38.1790

117.9400, 28.8740,  
60.4420

229.1720, 12.1000,  
23.0120

88.5810, 28.5070,  
61.5870

246.1950, 4.1250,  
7.8450

53.0640, 31.7610,  
68.6970

42.0270, 24.0150,  
54.8870

31.2180, 15.6270,  
41.6990

21.6050, 9.6230,

29.3590

■ 7.9200, -5.0460,  
14.3620

■ 2.1830, -4.7690,  
3.8310

■ 174.0650, 30.0200,  
61.7000

■ 174.0650, 30.0200,  
61.7000

■ 159.0910, 36.2990,  
74.5630

■ 189.0390, 23.7410,  
48.8370

■ 144.7040, 42.3030,  
86.9030

■ 203.4260, 17.7370,  
36.4970

■ 129.7300, 48.5820,  
99.7660

■ 218.4000, 11.4580,  
23.6340

■ 115.3430, 54.5860,  
112.1060

■ 232.7870, 5.4540,  
11.2940

100.3690, 60.8650,  
124.9690

247.7610, -0.8250,  
-1.5690

98.6080, 61.6900,  
126.5380

251.5820, -1.8790,  
-4.4950

251.8810, -1.2830,  
-4.2830

252.1800, -0.6870,  
-4.0710

252.4790, -0.0910,  
-3.8590

# Harmonies

## Analogous

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



166.3780, -35.0340, 29.2060



174.0650, 30.0200, 61.7000



158.1550, 64.6370, 56.5810

# Triad

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



174.0650, 30.0200, 61.7000



159.3570, 80.6560, -41.0400



143.7510, -127.8210, -34.8370

# Complementary

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



174.0650, 30.0200, 61.7000



197.9350, -30.0200, -61.7000

# 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.



135.4120, -105.7180, -55.4620



174.0650, 30.0200, 61.7000



154.6800, 27.9780, -55.5260

# Square

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



174.0650, 30.0200, 61.7000



163.2760, 95.6870, 0.4470



137.3970, -57.8040, -64.7800



143.5350, -135.4800, -22.6800



# Rectangle

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



174.0650, 30.0200, 61.7000



153.6120, 78.8070, 42.0630



137.3970, -57.8040, -64.7800



141.2430, -120.7590, -41.6790

# Sweetspot

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



174.0650, 30.0200, 61.7000



232.0960, 9.2580, 19.4500



143.2020, -40.1700, 34.1820



114.2000, 5.7290, 11.8170



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.



174.0650, 30.0200, 61.7000



165.1560, 37.6740, 77.1780



169.4040, 50.3340, 45.9660



114.9560, 3.3000, 6.2760



74.7250, 46.9780, 95.7940



23.4700, 14.4370, 30.2210



# Inverse Universe

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



162.4500, 69.9150, 26.9950



150.5340, 87.4740, 33.6660



202.5960, -50.3340, -45.9660



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.8690, 34.5220, 13.1300



# Previews

## White Background



This preview shows how the YIQ color 174.0650, 30.0200, 61.7000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

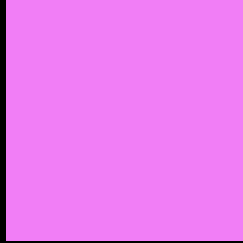
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 174.0650, 30.0200, 61.7000 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 ✓ Pass

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

# YIQ 174.0650, 30.0200, 61.7000

## Background



This preview shows how black text looks on a background with the YIQ color 174.0650, 30.0200, 61.7000.



This preview shows how white text looks on a background with the YIQ color 174.0650, 30.0200,

61.7000.

# 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

174.0650, 30.0200, 61.7000

### Protanopia

169.5460, -44.6150, 21.1210

### Deuteranopia

170.2880, -35.2610, 16.7950



## Tritanopia

173.0710, 45.9370, 21.0170

# Trichromacy



## Original Color

174.0650, 30.0200, 61.7000



## Protanomaly

171.4620, -17.4750, 35.8770



## Deuteranomaly

171.4040, -11.5600, 33.3040



## Tritanomaly

173.2190, 40.2490, 36.0010

# Monochromacy



## Original Color

174.0650, 30.0200, 61.7000



## Achromatopsia

174.0000, -0.0000, -0.0000



## Achromatomaly

174.1610, 10.6330, 22.0650

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 174.0650, 30.0200, 61.7000 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(241, 126, 246)` looks like.

```
.text, #text, p{  
    color:rgb(241, 126, 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(241, 126, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 126, 246) }
```

## Border

The CSS property to change the border of an element to YIQ 174.0650, 30.0200, 61.7000 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(241, 126, 246) }
```



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

```
.border{ border-color:rgb(241, 126, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 126, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 126, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 126, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 126,  
246) }
```

# Background

The CSS property to change the background color of an element to YIQ 174.0650, 30.0200, 61.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 126, 246) }
```

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

```
.background{ background-color: rgb(241,  
126, 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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