

# Converting Colors

YIQ(174.7410, 3.0680, 21.5000)

Have a look what the booklet for  
YIQ(174.7410, 3.0680, 21.5000)  
contains.

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# Color

**YIQ(174.7410, 3.0680,  
21.5000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BFA0D0</a>
RGB	<a href="#">191, 160, 208</a>
RGB Percent	<a href="#">75%, 63%, 82%</a>
CMY	<a href="#">0.2509, 0.3726, 0.1843</a>
CMYK	<a href="#">0.08, 0.23, 0.00, 0.18</a>
HSL	<a href="#">279°, 34%, 72%</a>
HSV	<a href="#">279°, 23%, 82%</a>
XYZ	<a href="#">45.4455, 40.7707, 65.1447</a>
YIQ	<a href="#">174.7410, 3.0680, 21.5000</a>

# Conversions

## Conversions Part 2

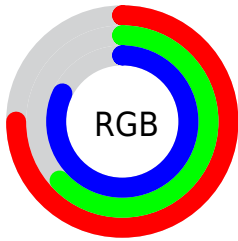
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	191, 160, 208
Decimal	12558544
CIE <sub>Lab</sub>	70.01, 20.23, -20.23
CIE <sub>LCh</sub>	70, 28.603, 315.000
Yxy	40.7707, 0.3002, 0.2694
Android (android.graphics.Color)	4290748624 (0xFFBFA0D0)
YUV	174.7410, 16.3967, 14.2591
Hunter-Lab	63.8519, 15.3033, -15.7941

# Details

The YIQ color **174.7410, 3.0680, 21.5000** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.2590, -3.0680, -21.5000**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.4270, 6.8280, 19.4360**, and **121.9150, 2.5180, 20.4540** is the 20% darker color. If you saturate the color by 10%, you get **160.3210, 4.6710, 30.9990**, and if you desaturate by 10%, it is **189.1610, 1.4650, 12.0010**.

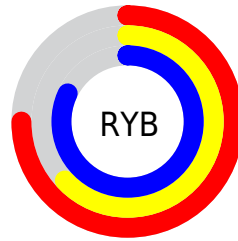
# Distribution



Red (75%)

Green (63%)

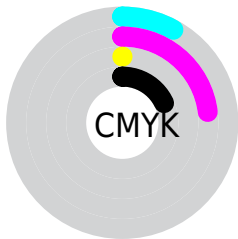
Blue (82%)



Red (75%)

Yellow (63%)

Blue (82%)

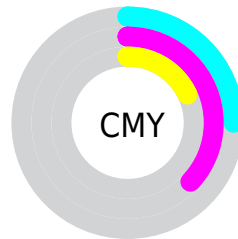


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (25%)

Magenta (37%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7410, 3.0680, 21.5000 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 174.7410, 3.0680, 21.5000 by changing the saturation by 10% instead.



■ 174.7410, 3.0680,  
21.5000

■ 174.7410, 3.0680,  
21.5000

255.0000, -0.0000,  
-0.0000

■ 148.2140, 3.1140,  
20.6660

■ 229.4270, 6.8280,  
19.4360

■ 121.9150, 2.5180,  
20.4540

■ 247.9560, 3.3000,  
6.2760

■ 96.9750, 2.2890,  
19.0970

■ 72.8610, 2.6100,  
18.7860

■ 50.0350, 2.0600,  
17.7400

■ 28.2090, 1.5100,  
16.6940

■ 10.7530, 2.7940,

15.4500

■ 0.7980, -2.2470,  
2.1770

■ 0.0000, 0.0000,  
0.0000

■ 174.7410, 3.0680,  
21.5000

■ 174.7410, 3.0680,  
21.5000

■ 160.3210, 4.6710,  
30.9990

■ 189.1610, 1.4650,  
12.0010

■ 145.6020, 5.6780,  
40.2860

■ 203.8800, 0.4580,  
2.7140

■ 131.7690, 7.0060,  
49.2620

■ 217.7130, -0.8700,  
-6.2620

■ 117.3490, 8.6090,  
58.7610

■ 232.1330, -2.4730,  
-15.7610

102.6300, 9.6160,  
68.0480

241.5690, -1.0050,  
-20.3410

88.2100, 11.2190,  
77.5470

243.6620, 3.1670,  
-18.8570

73.7900, 12.8220,  
87.0460

245.7550, 7.3390,  
-17.3730

63.7780, 13.0960,  
93.0960

248.1470, 12.1070,  
-15.6770

249.6420, 15.0870,  
-14.6170

# Harmonies

## Analogous

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



171.3400, -23.8440, 13.6280



174.7410, 3.0680, 21.5000



174.8870, 26.0840, 22.8840

# Triad

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



174.7410, 3.0680, 21.5000



170.7480, 35.5800, -6.0520



158.2640, -54.1900, -20.1260

# Complementary

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



174.7410, 3.0680, 21.5000



193.2590, -3.0680, -21.5000

# 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.



161.4760, -31.5400, -23.1240



174.7410, 3.0680, 21.5000



168.5560, 18.2050, -16.0590

# Square

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



174.7410, 3.0680, 21.5000



172.8450, 43.0970, 6.4010



165.4760, -5.1770, -21.8250



158.8260, -61.3440, -11.6160



# Rectangle

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



174.7410, 3.0680, 21.5000



174.7540, 36.5840, 19.8160



165.4760, -5.1770, -21.8250



159.0320, -47.7250, -21.6530

# Sweetspot

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



174.7410, 3.0680, 21.5000



242.6400, 1.3740, 8.1420



176.0380, -20.3580, 5.5140



120.3470, 0.6410, 4.9050



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.



174.7410, 3.0680, 21.5000



205.8480, 4.6250, 31.8330



179.1400, 15.1260, 23.2380



97.3470, 0.6410, 4.9050



51.7430, 11.0360, 75.3560



12.4480, 2.3350, 18.2630



# Inverse Universe

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



176.2900, 23.1510, 15.4630



208.0790, 34.2910, 22.8270



188.8600, -15.1260, -23.2380



97.7450, 5.2720, 3.5760



56.9580, 81.1890, 53.9650

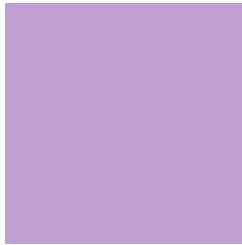


13.8550, 19.9420, 13.0460



# Previews

## White Background



This preview shows how the YIQ color 174.7410, 3.0680, 21.5000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

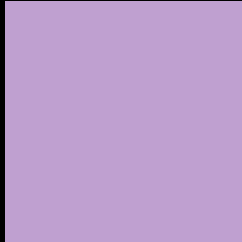
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 174.7410, 3.0680, 21.5000 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 174.7410, 3.0680, 21.5000

## Background



This preview shows how black text looks on a background with the YIQ color 174.7410, 3.0680, 21.5000.



This preview shows how white text looks on a background with the YIQ color 174.7410, 3.0680,



# 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

174.7410, 3.0680, 21.5000

### Protanopia

172.1400, -20.4050, 11.8750

### Deuteranopia

172.4570, -11.0520, 13.0760



## Tritanopia

172.7610, 8.3430, 8.4950

# Trichromacy



## Original Color

174.7410, 3.0680, 21.5000

## Protanomaly

172.7390, -11.7860, 15.3660

## Deuteranomaly

173.0880, -5.4590, 16.3410

## Tritanomaly

173.4390, 6.5540, 13.3860

# Monochromacy



## Original Color

174.7410, 3.0680, 21.5000

## Achromatopsia

175.0000, -0.0000, -0.0000

## Achromatomaly

175.2270, 1.0990, 7.6190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 174.7410, 3.0680, 21.5000 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(191, 160, 208)` looks like.

```
.text, #text, p{  
    color:rgb(191, 160, 208)  
}
```

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(191, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 160, 208) }
```

## Border

The CSS property to change the border of an element to YIQ 174.7410, 3.0680, 21.5000 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(191, 160, 208) }
```



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

```
.border{ border-color:rgb(191, 160, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 160, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 160, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 160, 208); box-shadow:4px 4px 4px 4px rgb(191, 160, 208) }
```

# Background

The CSS property to change the background color of an element to YIQ 174.7410, 3.0680, 21.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 160, 208) }
```

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

```
.background{ background-color: rgb(191,  
160, 208) }
```

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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