

# Converting Colors

YIQ(126.8210, 19.5640, 74.9880)

Have a look what the booklet for  
YIQ(126.8210, 19.5640, 74.9880)  
contains.

<b>YIQ(126.8210, 19.5640, 74.9880)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(126.8210, 19.5640,  
74.9880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C049E9
RGB	192, 73, 233
RGB Percent	75%, 29%, 91%
CMY	0.2467, 0.7139, 0.0863
CMYK	0.18, 0.69, 0.00, 0.09
HSL	285°, 78%, 60%
HSV	285°, 69%, 91%
XYZ	38.8485, 21.8603, 79.2539
YIQ	126.8210, 19.5640, 74.9880

# Conversions

## Conversions Part 2

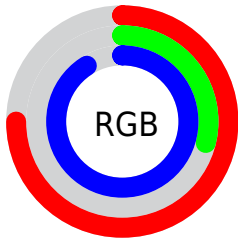
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 73, 233
Decimal	12601833
CIELab	53.88, 69.86, -59.43
CIElCh	54, 91.720, 319.615
Yxy	21.8603, 0.2776, 0.1562
Android (android.graphics.Color)	4290791913 (0xFFC049E9)
YUV	126.8210, 52.3462, 57.1620
Hunter-Lab	46.7550, 66.4936, -67.7733

# Details

The YIQ color **126.8210, 19.5640, 74.9880** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **179.1790, -19.5640, -74.9880**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7280, 32.5870, 64.7390**, and **60.1300, 23.3680, 83.1440** is the 20% darker color. If you saturate the color by 10%, you get **111.5260, 22.3130, 85.7450**, and if you desaturate by 10%, it is **142.1160, 16.8150, 64.2310**.

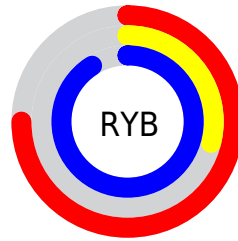
# Distribution



Red (75%)

Green (29%)

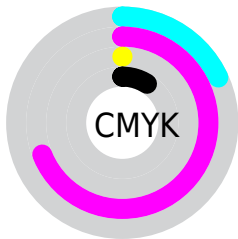
Blue (91%)



Red (75%)

Yellow (29%)

Blue (91%)

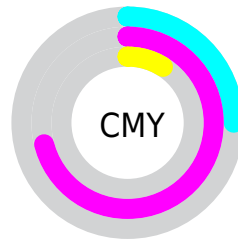


Cyan (18%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (71%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8210, 19.5640, 74.9880 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 126.8210, 19.5640, 74.9880 by changing the saturation by 10% instead.



126.8210, 19.5640,  
74.9880

126.8210, 19.5640,  
74.9880

255.0000, -0.0000,  
-0.0000

96.0600, 20.3890,  
76.5570

180.7280, 32.5870,  
64.7390

60.1300, 23.3680,  
83.1440

198.6480, 26.4000,  
50.2080

48.6800, 15.3470,  
68.8110

215.0840, 18.7000,  
35.5640

36.9310, 6.7300,  
54.2660

232.1070, 10.7250,  
20.3970

25.7090, -1.9330,  
40.5550

249.7170, 2.4750,  
4.7070

12.6930, -14.1720,  
25.5720

7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,  
7.5630

■ 0.0000, 0.0000,  
0.0000

■ 126.8210, 19.5640,  
74.9880

■ 126.8210, 19.5640,  
74.9880

■ 111.5260, 22.3130,  
85.7450

■ 142.1160, 16.8150,  
64.2310

■ 95.6440, 25.3370,  
97.0250

■ 157.9980, 13.7910,  
52.9510

■ 80.3490, 28.0860,  
107.7820

■ 173.2930, 11.0420,  
42.1940

■ 78.2890, 28.3150,  
109.1390

■ 188.5880, 8.2930,  
31.4370

203.8830, 5.5440,  
20.6800

219.7650, 2.5200,  
9.4000

235.0600, -0.2290,  
-1.3570

248.0070, -1.8780,  
-10.0220

249.8010, 1.6980,  
-8.7500

# Harmonies

## Analogous

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



100.0970, -115.1300, 16.0220



126.8210, 19.5640, 74.9880



93.2890, 98.2360, 102.9720

# Triad

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



126.8210, 19.5640, 74.9880



121.6130, 74.7840, -22.7200



115.0270, -102.0550, -28.2230

# Complementary

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



126.8210, 19.5640, 74.9880



179.1790, -19.5640, -74.9880

# 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.



104.5050, -75.1830, -52.6790



126.8210, 19.5640, 74.9880



115.0590, 25.5930, -50.8470

# Square

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



126.8210, 19.5640, 74.9880



111.6320, 118.4720, 11.5280



89.8110, -42.0750, -80.0190



121.8330, -123.9750, -5.4070



# Rectangle

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



126.8210, 19.5640, 74.9880



88.4430, 117.6330, 87.3370



89.8110, -42.0750, -80.0190



111.9490, -93.3880, -36.6200

# Sweetspot

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



126.8210, 19.5640, 74.9880



219.1160, 6.5060, 25.2740



116.4810, -63.1850, 27.2710



106.5250, 3.4360, 14.8280



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.



126.8210, 19.5640, 74.9880



116.4700, 25.8870, 98.0710



134.8620, 55.8770, 72.1730



109.6460, 1.2370, 5.1170



60.9990, 22.3590, 84.9110



18.1160, 6.5060, 25.2740



# Inverse Universe

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



125.5140, 82.1990, 46.6710



114.5330, 107.5510, 60.7910



171.1380, -55.8770, -72.1730



109.6310, 5.5930, 3.2650



59.3630, 93.1100, 52.6780



17.7420, 27.6900, 15.8020



# Previews

## White Background



This preview shows how the YIQ color 126.8210, 19.5640, 74.9880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

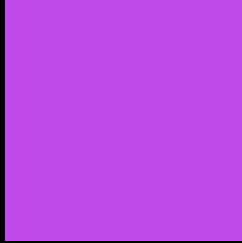
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 126.8210, 19.5640, 74.9880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

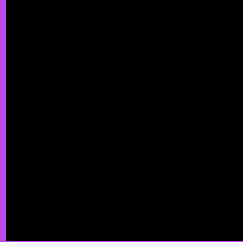
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 126.8210, 19.5640, 74.9880

## Background



This preview shows how black text looks on a background with the YIQ color 126.8210, 19.5640, 74.9880.



This preview shows how white text looks on a background with the YIQ color 126.8210, 19.5640,

74.9880.

# 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

126.8210, 19.5640, 74.9880

### Protanopia

115.6010, -90.0060, 23.2580

### Deuteranopia

118.4760, -73.9570, 13.2350



## Tritanopia

130.4610, 35.8510, 16.5790

# Trichromacy



## Original Color

126.8210, 19.5640, 74.9880



## Protanomaly

119.6820, -50.0290, 42.1550



## Deuteranomaly

121.2560, -40.2620, 35.8500



## Tritanomaly

129.2980, 29.8410, 37.4010

# Monochromacy



## Original Color

126.8210, 19.5640, 74.9880



## Achromatopsia

127.0000, -0.0000, -0.0000



## Achromatomaly

126.8820, 7.2850, 27.6770

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.8210, 19.5640, 74.9880 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(192, 73, 233)` looks like.

```
.text, #text, p{  
    color:rgb(192, 73, 233)  
}
```

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(192, 73, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 73, 233) }
```

## Border

The CSS property to change the border of an element to YIQ 126.8210, 19.5640, 74.9880 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(192, 73, 233) }
```



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

```
.border{ border-color:rgb(192, 73, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 73, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 73, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 73, 233);  
box-shadow:4px 4px 4px 4px rgb(192, 73,  
233) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.8210, 19.5640, 74.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 73, 233) }
```

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

```
.background{ background-color: rgb(192, 73,  
233) }
```

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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