

# Converting Colors

YIQ(119.2780, 41.7610, 41.6410)

Have a look what the booklet for  
YIQ(119.2780, 41.7610, 41.6410)  
contains.

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# Color

**YIQ(119.2780, 41.7610,  
41.6410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B95190</a>
RGB	<a href="#">185, 81, 144</a>
RGB Percent	<a href="#">73%, 32%, 56%</a>
CMY	<a href="#">0.2742, 0.6825, 0.4352</a>
CMYK	<a href="#">0.00, 0.56, 0.22, 0.27</a>
HSL	<a href="#">324°, 43%, 52%</a>
HSV	<a href="#">324°, 56%, 73%</a>
XYZ	<a href="#">28.0007, 18.2163, 28.4378</a>
YIQ	<a href="#">119.2780, 41.7610, 41.6410</a>

# Conversions

## Conversions Part 2

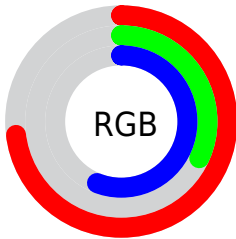
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 81, 144</a>
Decimal	<a href="#">12145040</a>
CIELab	<a href="#">49.76, 49.26, -14.47</a>
CIElCh	<a href="#">50, 51.339, 343.632</a>
Yxy	<a href="#">18.2163, 0.3751, 0.2440</a>
Android (android.graphics.Color)	<a href="#">4290335120</a> ( <a href="#">0xFFB95190</a> )
YUV	<a href="#">119.2780, 12.1879, 57.6382</a>
Hunter-Lab	<a href="#">42.6806, 42.4146, -9.6282</a>

# Details

The YIQ color **119.2780, 41.7610, 41.6410** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **146.7220, -41.7610, -41.6410**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4740, 44.1450, 42.4890**, and **63.9620, 39.8350, 43.5070** is the 20% darker color. If you saturate the color by 10%, you get **107.3270, 49.2330, 49.4010**, and if you desaturate by 10%, it is **130.6420, 34.5640, 34.4040**.

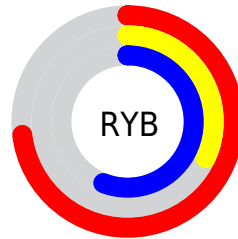
# Distribution



Red (73%)

Green (32%)

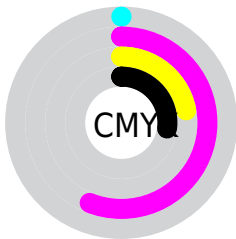
Blue (56%)



Red (73%)

Yellow (32%)

Blue (56%)

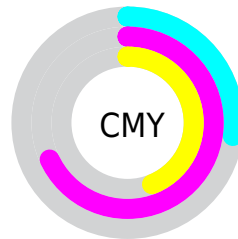


Cyan (0%)

Magenta (56%)

Yellow (22%)

Black (27%)



Cyan (27%)

Magenta (68%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2780, 41.7610, 41.6410 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 119.2780, 41.7610, 41.6410 by changing the saturation by 10% instead.




 119.2780, 41.7610,  
41.6410


 119.2780, 41.7610,  
41.6410


255.0000, -0.0000,  
-0.0000


 92.0930, 40.8440,  
41.7400


 174.4740, 44.1450,  
42.4890


 63.3750, 40.1100,  
44.0300


 197.1030, 34.8840,  
39.6200


 38.4780, 38.3220,  
43.3940


 216.8450, 17.8750,  
33.9950

 27.7830, 29.6130,  
30.5170

 233.8680, 9.9000,  
18.8280

 18.6260, 22.3250,  
19.4210

 250.8910, 1.9250,  
3.6610

 3.8870, 7.7480,  
2.7560

 0.0000, 0.0000,

0.0000

■ 119.2780, 41.7610,  
41.6410

■ 119.2780, 41.7610,  
41.6410

■ 107.3270, 49.2330,  
49.4010

■ 130.6420, 34.5640,  
34.4040

■ 95.8490, 56.7510,  
56.3270

■ 142.7070, 26.7710,  
26.9550

■ 83.8980, 64.2230,  
64.0870

■ 154.0710, 19.5740,  
19.7180

■ 72.5340, 71.4200,  
71.3240

■ 166.0220, 12.1020,  
11.9580

■ 68.0830, 74.3080,  
74.0520

■ 177.5000, 4.5840,  
5.0320

■ 189.4510, -2.8880,  
-2.7280

■ 201.4020,  
-10.3600, -10.4880

■ 212.7660,  
-17.5570, -17.7250

■ 224.8310,  
-25.3500, -25.1740

# Harmonies

## Analogous

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



121.9280, 1.6440, 36.3000



119.2780, 41.7610, 41.6410



115.8010, 64.7330, 32.8050

# Triad

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



119.2780, 41.7610, 41.6410



110.6000, 32.1000, -31.1000



100.7110, -94.8130, -16.2930

# Complementary

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



119.2780, 41.7610, 41.6410



146.7220, -41.7610, -41.6410

# 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.



97.3250, -82.5230, -29.7790



119.2780, 41.7610, 41.6410



105.1250, -9.1630, -37.6990

# Square

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



119.2780, 41.7610, 41.6410



113.9550, 56.6260, -13.0220



91.4940, -67.4820, -43.5620



99.3380, -100.5920, -5.1680



# Rectangle

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



119.2780, 41.7610, 41.6410



115.2230, 68.8160, 19.3760



91.4940, -67.4820, -43.5620



99.9300, -91.2360, -20.5480

# Sweetspot

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



119.2780, 41.7610, 41.6410



214.1090, 16.4110, 16.4670



104.8160, -9.5440, 40.8240



104.7720, 9.8100, 9.4420



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.2780, 41.7610, 41.6410



136.9090, 65.6900, 65.0340



113.4640, 58.1320, 25.7800



86.2610, 3.7590, 3.4630



57.3600, 62.8020, 62.3060



10.3100, 11.2310, 11.2230



# Inverse Universe

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



119.2780, 41.7610, 41.6410



136.9090, 65.6900, 65.0340



152.5360, -58.1320, -25.7800



86.2610, 3.7590, 3.4630



57.3600, 62.8020, 62.3060



10.3100, 11.2310, 11.2230



# Previews

## White Background



This preview shows how the YIQ color 119.2780, 41.7610, 41.6410 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

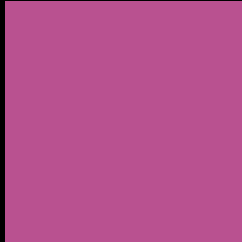
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 119.2780, 41.7610, 41.6410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

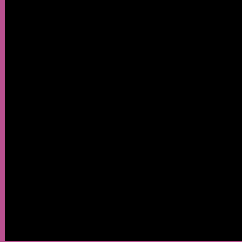
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 119.2780, 41.7610, 41.6410

## Background



This preview shows how black text looks on a background with the YIQ color 119.2780, 41.7610, 41.6410.



This preview shows how white text looks on a background with the YIQ color 119.2780, 41.7610,



# 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

119.2780, 41.7610, 41.6410

### Protanopia

118.5570, -25.9530, 13.3030

### Deuteranopia

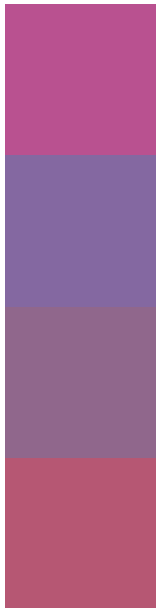
120.0030, -4.0820, 7.9020



## Tritanopia

118.7080, 51.3930, 21.2570

# Trichromacy



## Original Color

119.2780, 41.7610, 41.6410

## Protanomaly

118.8700, -1.6090, 23.6630

## Deuteranomaly

119.4770, 12.5590, 20.1990

## Tritanomaly

118.5970, 47.6320, 28.8480

# Monochromacy



## Original Color

119.2780, 41.7610, 41.6410

## Achromatopsia

119.0000, -0.0000, 0.0000

## Achromatomaly

118.9840, 15.2650, 15.2090

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.2780, 41.7610, 41.6410 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(185, 81, 144)` looks like.

```
.text, #text, p{  
    color:rgb(185, 81, 144)  
}
```

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(185, 81, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 81, 144) }
```

## Border

The CSS property to change the border of an element to YIQ 119.2780, 41.7610, 41.6410 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(185, 81, 144) }
```



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

```
.border{ border-color:rgb(185, 81, 144) }
```

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

Here you see how a box with a 4 pixel rgb(185, 81, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 81, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 81, 144);  
box-shadow:4px 4px 4px 4px rgb(185, 81,  
144) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.2780, 41.7610, 41.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 81, 144) }
```

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

```
.background{ background-color: rgb(185, 81,  
144) }
```

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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