

Converting Colors

YIQ(159.2780, 41.7610, 41.6410)

Have a look what the booklet for
YIQ(159.2780, 41.7610, 41.6410)
contains.

YIQ(159.2780, 41.7610, 41.6410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(159.2780, 41.7610,
41.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	E179B8
RGB	225, 121, 184
RGB Percent	88%, 47%, 72%
CMY	0.1174, 0.5256, 0.2783
CMYK	0.00, 0.46, 0.18, 0.12
HSL	324°, 63%, 68%
HSV	324°, 46%, 88%
XYZ	46.5611, 33.1454, 49.3075
YIQ	159.2780, 41.7610, 41.6410

Conversions

Conversions Part 2

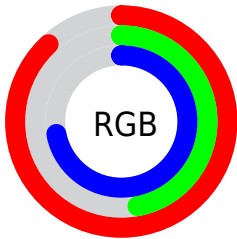
Format	Color
R _Y B	225, 121, 184
Decimal	14776760
CIE Lab	64.28, 48.13, -15.17
CIE LCh	64, 50.460, 342.500
Yxy	33.1454, 0.3609, 0.2569
Android (android.graphics.Color)	4292966840 (0xFFE179B8)
YUV	159.2780, 12.1879, 57.6382
Hunter-Lab	57.5720, 43.6098, -10.4784

Details

The YIQ color **159.2780, 41.7610, 41.6410** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **186.7220, -41.7610, -41.6410**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9170, 26.5400, 36.6520**, and **104.7830, 38.7810, 40.5810** is the 20% darker color. If you saturate the color by 10%, you get **144.7510, 50.9750, 50.8710**, and if you desaturate by 10%, it is **173.2180, 32.8220, 32.9340**.

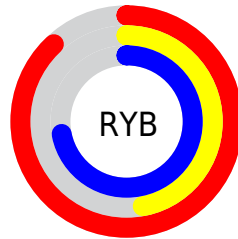
Distribution



Red (88%)

Green (47%)

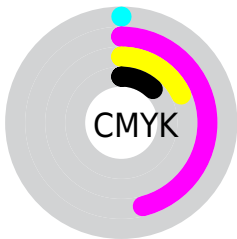
Blue (72%)



Red (88%)

Yellow (47%)

Blue (72%)

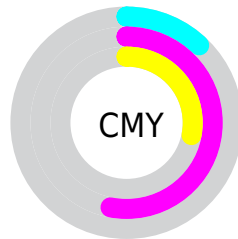


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (12%)



Cyan (12%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.2780, 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 159.2780, 41.7610, 41.6410 by changing the saturation by 10% instead.

159.2780, 41.7610,
41.6410

159.2780, 41.7610,
41.6410

255.0000, -0.0000,
-0.0000

131.6800, 40.5690,
41.2170

206.9170, 26.5400,
36.6520

105.0820, 39.3770,
40.7930

225.0630, 14.0250,
26.6730

78.0110, 38.1390,
41.2030

242.0860, 6.0500,
11.5060

45.6570, 39.3760,
46.3200

32.3260, 32.6380,
36.2700

22.1580, 23.8830,
24.2270

12.0610, 16.3660,

11.7740

■ 0.0000, 0.0000,
0.0000

■ 159.2780, 41.7610,
41.6410

■ 159.2780, 41.7610,
41.6410

■ 144.7510, 50.9750,
50.8710

■ 173.2180, 32.8220,
32.9340

■ 130.8110, 59.9140,
59.5780

■ 187.7450, 23.6080,
23.7040

■ 116.2840, 69.1280,
68.8080

■ 201.6850, 14.6690,
14.9970

■ 102.4580, 77.7460,
77.8260

■ 216.2120, 5.4550,
5.7670

■ 87.9310, 86.9600,
87.0560

■ 230.0380, -3.1630,
-3.2510

■ 82.7790, 90.4440,
89.9960

■ 243.9780,
-12.1020, -11.9580

■ 245.0040,
-14.9910, -9.1590

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



159.9710, 0.0850, 37.0210



159.2780, 41.7610, 41.6410



156.2850, 66.2460, 32.9180

Triad

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



159.2780, 41.7610, 41.6410



149.5510, 33.7960, -28.7960



127.9360, -117.7360, -24.8720

Complementary

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



159.2780, 41.7610, 41.6410



186.7220, -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.



124.9090, -105.0790, -39.5030



159.2780, 41.7610, 41.6410



143.7940, -6.7330, -37.6850

Square

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



159.2780, 41.7610, 41.6410



153.2760, 60.1560, -10.9160



128.2440, -69.7740, -46.0780



126.0900, -123.5610, -12.9130

Rectangle

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



159.2780, 41.7610, 41.6410



155.3050, 71.5210, 19.9130



128.2440, -69.7740, -46.0780



127.0410, -113.8380, -29.4380

Sweetspot

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



159.2780, 41.7610, 41.6410



232.2720, 14.3940, 14.4740



144.8160, -9.5440, 40.8240



114.0600, 8.9390, 8.7070



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.



159.2780, 41.7610, 41.6410



164.6750, 57.3010, 57.3730



153.4640, 58.1320, 25.7800



105.0870, 4.3090, 4.5090



64.8220, 70.5490, 70.5890



17.6580, 19.2990, 19.1950

Inverse Universe

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



159.2780, 41.7610, 41.6410



164.6750, 57.3010, 57.3730



192.5360, -58.1320, -25.7800



105.0870, 4.3090, 4.5090



64.8220, 70.5490, 70.5890



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 159.2780, 41.7610, 41.6410 looks on a white background.

Color Contrast Check

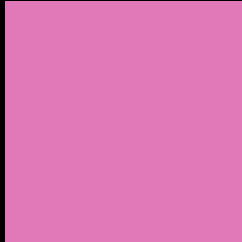
Large Text (above 18pt) WCAG AA × Fail

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 159.2780, 41.7610, 41.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

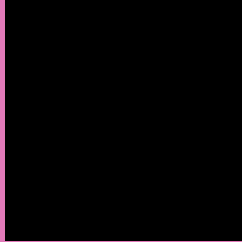
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.2780, 41.7610, 41.6410

Background



This preview shows how black text looks on a background with the YIQ color 159.2780, 41.7610, 41.6410.



This preview shows how white text looks on a background with the YIQ color 159.2780, 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

159.2780, 41.7610, 41.6410

Protanopia

156.4540, -24.1650, 13.9390

Deuteranopia

157.7690, -3.3030, 10.3050



Tritanopia

158.0500, 50.4300, 22.1900

Trichromacy



Original Color

159.2780, 41.7610, 41.6410



Protanomaly

157.4680, -0.4170, 24.0870



Deuteranomaly

158.4170, 12.7880, 21.5560



Tritanomaly

158.7110, 47.3110, 29.1590

Monochromacy



Original Color

159.2780, 41.7610, 41.6410



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.9840, 15.2650, 15.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.2780, 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(225, 121, 184)` looks like.

```
.text, #text, p{  
    color:rgb(225, 121, 184)  
}
```

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(225, 121, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 121, 184) }
```

Border

The CSS property to change the border of an element to YIQ 159.2780, 41.7610, 41.6410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

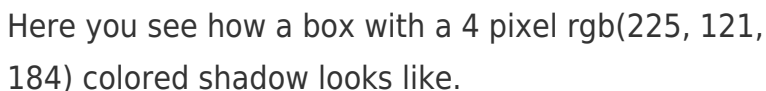
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 121, 184) }
```


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

```
.border{ border-color:rgb(225, 121, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 121, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 121, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 121, 184); box-shadow:4px 4px 4px 4px rgb(225, 121, 184) }
```

Background

The CSS property to change the background color of an element to YIQ 159.2780, 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(225, 121, 184) }
```

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

```
.background{ background-color: rgb(225,  
121, 184) }
```

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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