

Converting Colors

YIQ(159.9880, 44.9730, 27.4770)

Have a look what the booklet for
YIQ(159.9880, 44.9730, 27.4770)
contains.

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Color

**YIQ(159.9880, 44.9730,
27.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	DC829D
RGB	220, 130, 157
RGB Percent	86%, 51%, 62%
CMY	0.1370, 0.4903, 0.3842
CMYK	0.00, 0.41, 0.29, 0.14
HSL	342°, 56%, 69%
HSV	342°, 41%, 86%
XYZ	43.5999, 33.6157, 36.1068
YIQ	159.9880, 44.9730, 27.4770

Conversions

Conversions Part 2

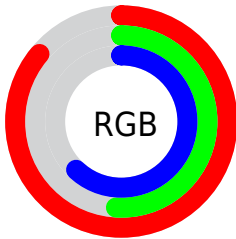
Format	Color
R _Y B	220, 130, 157
Decimal	14451357
CIE Lab	64.66, 37.96, 0.63
CIE LCh	65, 37.962, 0.951
Yxy	33.6157, 0.3847, 0.2966
Android (android.graphics.Color)	4292641437 (0xFFDC829D)
YUV	159.9880, -1.4731, 52.6305
Hunter-Lab	57.9791, 32.7674, 3.6622

Details

The YIQ color **159.9880, 44.9730, 27.4770** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **190.0120, -44.9730, -27.4770**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.3070, 33.6490, 23.4490**, and **106.6070, 41.6720, 26.7280** is the 20% darker color. If you saturate the color by 10%, you get **145.3640, 55.8380, 34.3180**, and if you desaturate by 10%, it is **174.6120, 34.1080, 20.6360**.

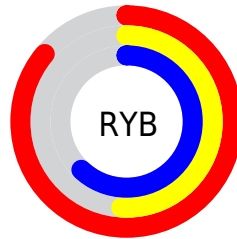
Distribution



Red (86%)

Green (51%)

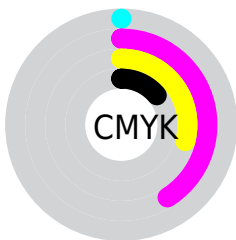
Blue (62%)



Red (86%)

Yellow (51%)

Blue (62%)

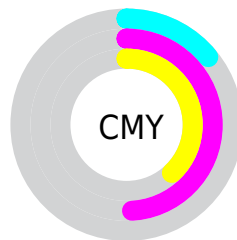


Cyan (0%)

Magenta (41%)

Yellow (29%)

Black (14%)



Cyan (14%)


Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.9880, 44.9730, 27.4770 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 159.9880, 44.9730, 27.4770 by changing the saturation by 10% instead.


 159.9880, 44.9730,
27.4770


 159.9880, 44.9730,
27.4770


255.0000, -0.0000,
-0.0000

 133.0910, 43.1850,
26.8410


 208.4210, 33.3280,
23.7600


 106.6070, 41.6720,
26.7280


 228.0490, 16.6400,
17.8240

 80.8240, 39.5630,
26.4030

 246.7820, 3.8500,
7.3220

 54.8670, 38.0040,
27.1240

 28.4370, 36.3990,
28.6790

 18.5680, 28.2400,
16.8480

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 159.9880, 44.9730,
27.4770

■ 159.9880, 44.9730,
27.4770

■ 145.3640, 55.8380,
34.3180

■ 174.6120, 34.1080,
20.6360

■ 130.6260, 67.0240,
40.8480

■ 189.3500, 22.9220,
14.1060

■ 116.0020, 77.8890,
47.6890


■ 203.9740, 12.0570,
7.2650


■ 101.2640, 89.0750,
54.2190


■ 218.7120, 0.8710,
0.7350

■ 86.6400, 99.9400,
61.0600

■ 233.3360, -9.9940,
-6.1060

 73.3040, 109.9340,
67.1660

 243.8510,
-18.9340, -9.2860

 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



161.2920, 20.8100, 30.3620



159.9880, 44.9730, 27.4770



158.2860, 55.3370, 15.8570

Triad

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



159.9880, 44.9730, 27.4770



150.3710, 8.1200, -26.0240



133.8790, -95.2260, -14.3140

Complementary

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



159.9880, 44.9730, 27.4770



190.0120, -44.9730, -27.4770

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.



123.9120, -109.1610, -31.6010



159.9880, 44.9730, 27.4770



145.1850, -26.5870, -30.2910

Square

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



159.9880, 44.9730, 27.4770



154.2390, 35.2150, -15.9610



135.2740, -69.3180, -32.3100



151.4490, -52.1320, 8.6680

Rectangle

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



159.9880, 44.9730, 27.4770



156.9510, 54.4220, 4.9020



135.2740, -69.3180, -32.3100



124.2030, -114.1140, -24.4340

Sweetspot

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



159.9880, 44.9730, 27.4770



234.4090, 15.2660, 9.6820



158.7980, 8.0620, 41.1340



115.9520, 9.1230, 5.3710



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.



159.9880, 44.9730, 27.4770



171.7070, 62.3020, 38.3180



166.3020, 49.2400, 10.7120



102.6310, 5.5930, 3.2650



57.6550, 86.4160, 52.8480



15.3500, 22.9220, 14.1060

Inverse Universe

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



159.9880, 44.9730, 27.4770



171.7070, 62.3020, 38.3180



183.6980, -49.2400, -10.7120



102.6310, 5.5930, 3.2650



57.6550, 86.4160, 52.8480



15.3500, 22.9220, 14.1060

Previews

White Background



This preview shows how the YIQ color 159.9880, 44.9730, 27.4770 looks on a white background.

Color Contrast Check

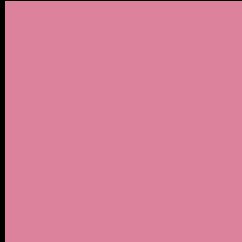
Large Text (above 18pt) WCAG AA × Fail

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 159.9880, 44.9730, 27.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

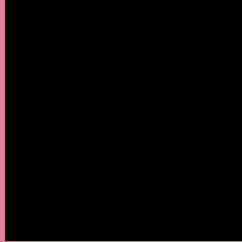
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.9880, 44.9730, 27.4770

Background



This preview shows how black text looks on a background with the YIQ color 159.9880, 44.9730, 27.4770.



This preview shows how white text looks on a background with the YIQ color 159.9880, 44.9730,

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

159.9880, 44.9730, 27.4770

Protanopia

157.9380, -5.4570, 5.2870

Deuteranopia

158.6920, 12.7910, 4.9750



Tritanopia

159.7400, 48.3670, 21.0310

Trichromacy



Original Color

159.9880, 44.9730, 27.4770

Protanomaly

158.8480, 12.6520, 13.0040

Deuteranomaly

159.1930, 24.8020, 13.0740

Tritanomaly

159.7230, 47.0370, 23.1090

Monochromacy



Original Color

159.9880, 44.9730, 27.4770

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0070, 16.4580, 10.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9880, 44.9730, 27.4770 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(220, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(220, 130, 157)  
}
```

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(220, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 130, 157) }
```

Border

The CSS property to change the border of an element to YIQ 159.9880, 44.9730, 27.4770 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(220, 130, 157) }
```


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

```
.border{ border-color:rgb(220, 130, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 130, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(220, 130,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9880, 44.9730, 27.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 130, 157) }
```

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

```
.background{ background-color: rgb(220,  
130, 157) }
```

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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