

Converting Colors

YIQ(165.9740, 30.3930, 27.3930)

Have a look what the booklet for
YIQ(165.9740, 30.3930, 27.3930)
contains.

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Color

**YIQ(165.9740, 30.3930,
27.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	D48CB3
RGB	212, 140, 179
RGB Percent	83%, 55%, 70%
CMY	0.1684, 0.4511, 0.2979
CMYK	0.00, 0.34, 0.16, 0.17
HSL	327°, 46%, 69%
HSV	327°, 34%, 83%
XYZ	44.6785, 36.0074, 47.2554
YIQ	165.9740, 30.3930, 27.3930

Conversions

Conversions Part 2

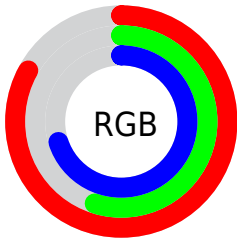
Format	Color
R _{YB}	212, 140, 179
Decimal	13929651
CIE Lab	66.53, 33.05, -9.14
CIE LCh	67, 34.294, 344.546
Yxy	36.0074, 0.3492, 0.2814
Android (android.graphics.Color)	4292119731 (0xFFD48CB3)
YUV	165.9740, 6.4218, 40.3648
Hunter-Lab	60.0062, 27.8939, -4.6870

Details

The YIQ color **165.9740, 30.3930, 27.3930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.0260, -30.3930, -27.3930**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9130, 23.1950, 25.6830**, and **113.2510, 28.0550, 25.7110** is the 20% darker color. If you saturate the color by 10%, you get **152.5070, 39.3780, 35.2660**, and if you desaturate by 10%, it is **179.4410, 21.4080, 19.5200**.

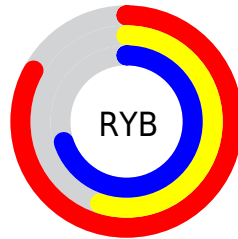
Distribution



Red (83%)

Green (55%)

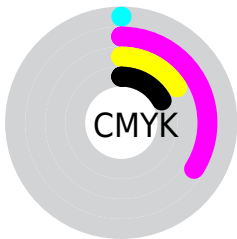
Blue (70%)



Red (83%)

Yellow (55%)

Blue (70%)

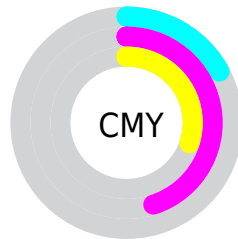


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9740, 30.3930, 27.3930 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 165.9740, 30.3930, 27.3930 by changing the saturation by 10% instead.


 165.9740, 30.3930,
27.3930


 165.9740, 30.3930,
27.3930


255.0000, -0.0000,
-0.0000


 139.2620, 29.5220,
26.6580


 216.9130, 23.1950,
25.6830


 112.6640, 28.3300,
26.2340


 236.2160, 8.8000,
16.7360

 87.6530, 26.8630,
25.2870

 252.6520, 1.1000,
2.0920

 63.0550, 25.6710,
24.8630

 38.3970, 24.7080,
25.7960

 19.6090, 20.9950,
21.4990

 9.8820, 15.3120,

8.8480

0.0000, 0.0000,
0.0000

165.9740, 30.3930,
27.3930

165.9740, 30.3930,
27.3930

152.5070, 39.3780,
35.2660

179.4410, 21.4080,
19.5200

139.1540, 48.0420,
43.4500

192.7940, 12.7440,
11.3360

125.1000, 57.3020,
51.8460

206.8480, 3.4840,
2.9400

111.6330, 66.2870,
59.7190

220.3150, -5.5010,
-4.9330

98.1660, 75.2720,
67.5920

233.7820,
-14.4860, -12.8060

■ 84.8130, 83.9360,
75.7760

■ 240.0910,
-19.8500, -14.7140

■ 76.4980, 89.4370,
80.7090

■ 241.2310,
-23.0600, -11.6040

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



165.3760, 2.8380, 25.6700



165.9740, 30.3930, 27.3930



164.2560, 46.8540, 20.9180

Triad

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



165.9740, 30.3930, 27.3930



158.3020, 21.7360, -19.4800



140.9200, -85.2760, -18.4280

Complementary

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



165.9740, 30.3930, 27.3930



186.0260, -30.3930, -27.3930

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.



141.2940, -72.0700, -26.4860



165.9740, 30.3930, 27.3930



154.6560, -5.8640, -25.8960

Square

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



165.9740, 30.3930, 27.3930



160.7440, 41.4030, -6.9570



148.7200, -38.2790, -27.6470



151.9050, -62.5840, -0.1520

Rectangle

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



165.9740, 30.3930, 27.3930



163.7260, 50.9820, 12.1820



148.7200, -38.2790, -27.6470



139.3990, -85.3670, -22.2870

Sweetspot

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



165.9740, 30.3930, 27.3930



238.9570, 10.7270, 9.3430



157.7760, -4.0400, 29.1760



117.6960, 6.9680, 5.8800



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.



165.9740, 30.3930, 27.3930



187.8930, 44.2830, 39.9870



161.9840, 41.6280, 16.5080



99.9730, 4.6300, 4.1980



61.7310, 72.0630, 65.1750



15.4790, 18.2450, 16.2690

Inverse Universe

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



165.9740, 30.3930, 27.3930



187.8930, 44.2830, 39.9870



190.0160, -41.6280, -16.5080



99.9730, 4.6300, 4.1980



61.7310, 72.0630, 65.1750



15.4790, 18.2450, 16.2690

Previews

White Background



This preview shows how the YIQ color 165.9740, 30.3930, 27.3930 looks on a white background.

Color Contrast Check

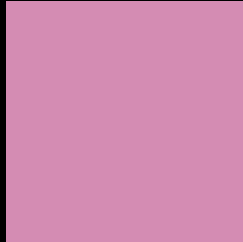
Large Text (above 18pt) WCAG AA × Fail

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 165.9740, 30.3930, 27.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

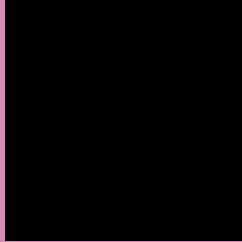
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9740, 30.3930, 27.3930

Background



This preview shows how black text looks on a background with the YIQ color 165.9740, 30.3930, 27.3930.



This preview shows how white text looks on a background with the YIQ color 165.9740, 30.3930, 27.3930.

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

165.9740, 30.3930, 27.3930

Protanopia

163.1530, -13.2520, 8.8920

Deuteranopia

164.2380, 2.5660, 8.5660



Tritanopia

164.6890, 35.2090, 17.2010

Trichromacy



Original Color

165.9740, 30.3930, 27.3930

Protanomaly

163.8670, 2.4730, 15.7610

Deuteranomaly

164.7280, 13.1100, 15.7180

Tritanomaly

165.4270, 33.1910, 20.7350

Monochromacy



Original Color

165.9740, 30.3930, 27.3930

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.3700, 11.0020, 9.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9740, 30.3930, 27.3930 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(212, 140, 179)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 179)  
}
```

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(212, 140, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 179) }
```

Border

The CSS property to change the border of an element to YIQ 165.9740, 30.3930, 27.3930 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(212, 140, 179) }
```


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

```
.border{ border-color:rgb(212, 140, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 179);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9740, 30.3930, 27.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 179) }
```

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

```
.background{ background-color: rgb(212,  
140, 179) }
```

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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