

Converting Colors

YIQ(165.6330, 38.7830, 29.5270)

Have a look what the booklet for
YIQ(165.6330, 38.7830, 29.5270)
contains.

YIQ(165.6330, 38.7830, 29.5270)	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(165.6330, 38.7830,
29.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	DD88AD
RGB	221, 136, 173
RGB Percent	87%, 53%, 68%
CMY	0.1331, 0.4668, 0.3214
CMYK	0.00, 0.38, 0.22, 0.13
HSL	334°, 56%, 70%
HSV	334°, 38%, 87%
XYZ	46.1813, 35.9978, 44.0656
YIQ	165.6330, 38.7830, 29.5270

Conversions

Conversions Part 2

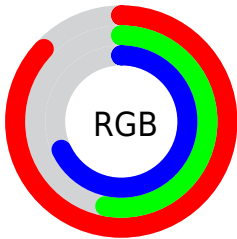
Format	Color
R _Y B	221, 136, 173
Decimal	14518445
CIE Lab	66.52, 37.40, -5.66
CIE LCh	67, 37.823, 351.387
Yxy	35.9978, 0.3658, 0.2851
Android (android.graphics.Color)	4292708525 (0xFFDD88AD)
YUV	165.6330, 3.6319, 48.5569
Hunter-Lab	59.9982, 32.3968, -1.5468

Details

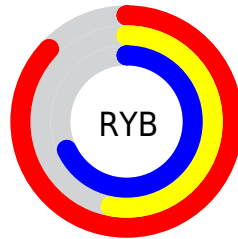
The YIQ color **165.6330, 38.7830, 29.5270** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.3670, -38.7830, -29.5270**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3540, 26.2670, 25.0750**, and **112.1380, 35.8030, 28.4670** is the 20% darker color. If you saturate the color by 10%, you get **151.3510, 48.6850, 37.3010**, and if you desaturate by 10%, it is **180.0290, 28.5600, 22.0640**.

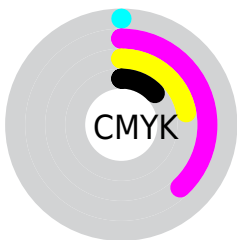
Distribution



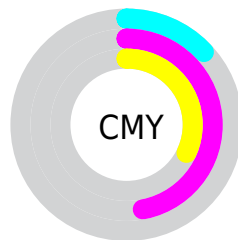
- Red (87%)
- Green (53%)
- Blue (68%)



- Red (87%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (38%)
- Yellow (22%)
- Black (13%)




- Cyan (13%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.6330, 38.7830, 29.5270 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 165.6330, 38.7830, 29.5270 by changing the saturation by 10% instead.


 165.6330, 38.7830,
29.5270


 165.6330, 38.7830,
29.5270


255.0000, -0.0000,
-0.0000


 138.6220, 37.3160,
28.5800


 214.3540, 26.2670,
25.0750


 112.1380, 35.8030,
28.4670


 233.8680, 9.9000,
18.8280

 86.5400, 34.6110,
28.0430

 250.8910, 1.9250,
3.6610

 61.0560, 33.0980,
27.9300

 33.7510, 32.6390,
30.7430

 20.6480, 25.2590,
21.3150

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 165.6330, 38.7830,
29.5270

■ 165.6330, 38.7830,
29.5270

■ 151.3510, 48.6850,
37.3010

■ 180.0290, 28.5600,
22.0640

■ 136.9550, 58.9080,
44.7640

■ 194.3110, 18.6580,
14.2900

■ 122.6730, 68.8100,
52.5380

■ 208.5930, 8.7560,
6.5160

■ 108.2770, 79.0330,
60.0010

■ 222.9890, -1.4670,
-0.9470

■ 93.4080, 89.2100,
68.2980

■ 237.2710,
-11.3690, -8.7210

■ 79.0120, 99.4330,
75.7610

■ 244.0360,
-18.0170, -9.3850

■ 77.0230, 100.9000,
76.7080

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



166.2030, 10.8150, 29.7830



165.6330, 38.7830, 29.5270



163.8500, 53.8690, 20.4370

Triad

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



165.6330, 38.7830, 29.5270



156.6280, 17.7020, -23.4660



132.1930, -108.1540, -22.3140

Complementary

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



165.6330, 38.7830, 29.5270



191.3670, -38.7830, -29.5270

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.



126.7500, -108.8850, -36.6050



165.6330, 38.7830, 29.5270



152.0570, -14.4830, -29.3870

Square

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



165.6330, 38.7830, 29.5270



159.9950, 41.9540, -11.4380



144.2990, -53.2710, -31.2790



152.4150, -63.9600, 2.7600

Rectangle

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



165.6330, 38.7830, 29.5270



162.5970, 55.6590, 10.0190



144.2990, -53.2710, -31.2790



127.9700, -115.0760, -29.0280

Sweetspot

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



165.6330, 38.7830, 29.5270



234.8650, 13.9820, 10.9260



159.7430, 0.7270, 36.3990



116.1800, 8.4810, 5.9930



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.



165.6330, 38.7830, 29.5270



178.7970, 53.3610, 40.6650



163.7630, 49.5600, 15.9280



102.7450, 5.2720, 3.5760



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Inverse Universe

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



165.6330, 38.7830, 29.5270



178.7970, 53.3610, 40.6650



193.2370, -49.5600, -15.9280



102.7450, 5.2720, 3.5760



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 165.6330, 38.7830, 29.5270 looks on a white background.

Color Contrast Check

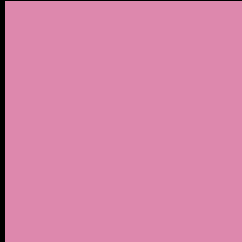
Large Text (above 18pt) WCAG AA × Fail

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 165.6330, 38.7830, 29.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

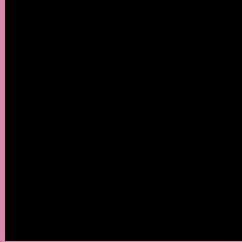
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.6330, 38.7830, 29.5270

Background



This preview shows how black text looks on a background with the YIQ color 165.6330, 38.7830, 29.5270.



This preview shows how white text looks on a background with the YIQ color 165.6330, 38.7830,

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

165.6330, 38.7830, 29.5270

Protanopia

162.9960, -11.3720, 7.8600

Deuteranopia

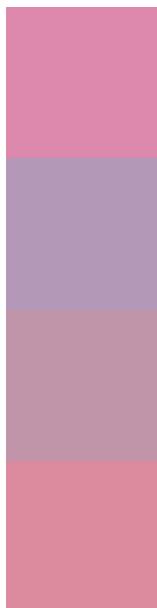
163.7500, 6.8760, 7.5480



Tritanopia

164.8750, 43.5530, 20.1690

Trichromacy



Original Color

165.6330, 38.7830, 29.5270

Protanomaly

163.9060, 6.7370, 15.5770

Deuteranomaly

164.2510, 18.8870, 15.6470

Tritanomaly

165.4990, 41.8560, 23.3920

Monochromacy



Original Color

165.6330, 38.7830, 29.5270

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.8650, 13.9820, 10.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6330, 38.7830, 29.5270 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(221, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 173)  
}
```

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(221, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 173) }
```

Border

The CSS property to change the border of an element to YIQ 165.6330, 38.7830, 29.5270 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(221, 136, 173) }
```


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

```
.border{ border-color:rgb(221, 136, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 173);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6330, 38.7830, 29.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 173) }
```

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

```
.background{ background-color: rgb(221,  
136, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor