

Converting Colors

YIQ(162.8460, 42.4970, 28.2970)

Have a look what the booklet for
YIQ(162.8460, 42.4970, 28.2970)
contains.

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Color

**YIQ(162.8460, 42.4970,
28.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	DD85A4
RGB	221, 133, 164
RGB Percent	87%, 52%, 64%
CMY	0.1331, 0.4786, 0.3567
CMYK	0.00, 0.40, 0.26, 0.13
HSL	339°, 56%, 69%
HSV	339°, 40%, 87%
XYZ	44.9232, 34.8279, 39.4942
YIQ	162.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

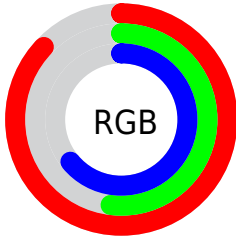
Format	Color
RYB	221, 133, 164
Decimal	14517668
CIELab	65.61, 37.69, -1.92
CIELCh	66, 37.738, 357.086
Yxy	34.8279, 0.3767, 0.2921
Android (android.graphics.Color)	4292707748 (0xFFDD85A4)
YUV	162.8460, 0.5689, 51.0011
Hunter-Lab	59.0152, 32.6002, 1.6325

Details

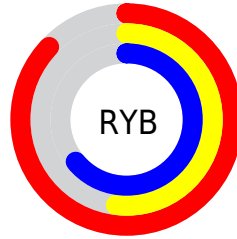
The YIQ color **162.8460, 42.4970, 28.2970** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.1540, -42.4970, -28.2970**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.9800, 30.2560, 24.3680**, and **109.3510, 39.5170, 27.2370** is the 20% darker color. If you saturate the color by 10%, you get **148.3360, 53.0410, 35.4490**, and if you desaturate by 10%, it is **177.3560, 31.9530, 21.1450**.

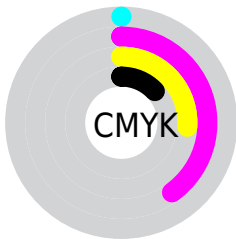
Distribution



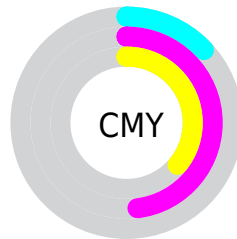
- Red (87%)
- Green (52%)
- Blue (64%)



- Red (87%)
- Yellow (52%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.8460, 42.4970, 28.2970 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 162.8460, 42.4970, 28.2970 by changing the saturation by 10% instead.


 162.8460, 42.4970,
28.2970


 162.8460, 42.4970,
28.2970


255.0000, -0.0000,
-0.0000

 135.9490, 40.7090,
27.6610


 210.9800, 30.2560,
24.3680


 109.3510, 39.5170,
27.2370

 231.1950, 13.2930,
17.9090

 83.5680, 37.4080,
26.9120

 248.5430, 3.0250,
5.7530

 58.1980, 35.5740,
27.1100

 30.3060, 35.3900,
30.4460

 19.8500, 27.5060,
19.1380

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 162.8460, 42.4970,
28.2970

■ 162.8460, 42.4970,
28.2970

■ 148.3360, 53.0410,
35.4490

■ 177.3560, 31.9530,
21.1450

■ 133.7120, 63.9060,
42.2900

■ 191.9800, 21.0880,
14.3040

■ 119.2020, 74.4500,
49.4420

■ 206.4900, 10.5440,
7.1520

■ 104.6920, 84.9940,
56.5940

■ 221.0000, 0.0000,
0.0000

■ 89.4810, 96.1340,
63.9580

■ 235.6240,
-10.8650, -6.8410

■ 74.9710, 106.6780,
71.1100

■ 244.2640,
-18.6590, -8.7630

■ 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.



164.1390, 16.8670, 30.2350



162.8460, 42.4970, 28.2970



161.0410, 54.6490, 17.3130

Triad

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



162.8460, 42.4970, 28.2970



154.0510, 12.0170, -25.0630



134.4440, -98.4350, -16.7310

Complementary

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



162.8460, 42.4970, 28.2970



191.1540, -42.4970, -28.2970

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.



125.4450, -109.3440, -33.7920



162.8460, 42.4970, 28.2970



148.8220, -21.1310, -30.0510

Square

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



162.8460, 42.4970, 28.2970



156.9620, 37.5530, -14.2790



139.8080, -62.0740, -31.4340



152.8290, -56.2580, 6.3500

Rectangle

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



162.8460, 42.4970, 28.2970



160.3040, 54.9260, 6.7820



139.8080, -62.0740, -31.4340



125.8500, -114.6180, -26.3140

Sweetspot

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



162.8460, 42.4970, 28.2970



234.5230, 14.9450, 9.9930



159.7760, 5.1280, 39.2400



116.0660, 8.8020, 5.6820



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.



162.8460, 42.4970, 28.2970



174.3800, 58.9090, 39.2370



166.3560, 49.1480, 12.3800



102.7450, 5.2720, 3.5760



58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Inverse Universe

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



162.8460, 42.4970, 28.2970



174.3800, 58.9090, 39.2370



187.6440, -49.1480, -12.3800



102.7450, 5.2720, 3.5760



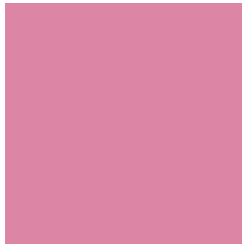
58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 162.8460, 42.4970, 28.2970 looks on a white background.

Color Contrast Check

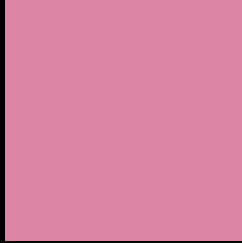
Large Text (above 18pt) WCAG AA × Fail

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 162.8460, 42.4970, 28.2970 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 162.8460, 42.4970, 28.2970

Background



This preview shows how black text looks on a background with the YIQ color 162.8460, 42.4970, 28.2970.



This preview shows how white text looks on a background with the YIQ color 162.8460, 42.4970,

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

162.8460, 42.4970, 28.2970

Protanopia

160.7960, -7.9330, 6.1070

Deuteranopia

161.5500, 10.3150, 5.7950



Tritanopia

161.9570, 46.2580, 20.7060

Trichromacy



Original Color

162.8460, 42.4970, 28.2970

Protanomaly

161.7060, 10.1760, 13.8240

Deuteranomaly

162.0510, 22.3260, 13.8940

Tritanomaly

162.4670, 44.8820, 23.6180

Monochromacy



Original Color

162.8460, 42.4970, 28.2970

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.8220, 15.5410, 10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.8460, 42.4970, 28.2970 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, 133, 164)` looks like.

```
.text, #text, p{  
    color:rgb(221, 133, 164)  
}
```

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, 133, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 133, 164) }
```

Border

The CSS property to change the border of an element to YIQ 162.8460, 42.4970, 28.2970 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, 133, 164) }
```


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

```
.border{ border-color:rgb(221, 133, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 133, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 133, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 133, 164);  
box-shadow:4px 4px 4px 4px rgb(221, 133,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 162.8460, 42.4970, 28.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 133, 164) }
```

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

```
.background{ background-color: rgb(221,  
133, 164) }
```

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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