

Converting Colors

YIQ(170.2880, 26.6330, 29.4570)

Have a look what the booklet for
YIQ(170.2880, 26.6330, 29.4570)
contains.

YIQ(170.2880, 26.6330, 29.4570)	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(170.2880, 26.6330,
29.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	D690BF
RGB	214, 144, 191
RGB Percent	84%, 56%, 75%
CMY	0.1606, 0.4354, 0.2509
CMYK	0.00, 0.33, 0.11, 0.16
HSL	320°, 46%, 70%
HSV	320°, 33%, 84%
XYZ	47.1209, 38.0037, 54.1523
YIQ	170.2880, 26.6330, 29.4570

Conversions

Conversions Part 2

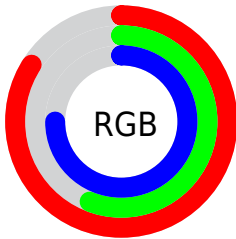
Format	Color
R _Y B	214, 144, 191
Decimal	14061759
CIE Lab	68.02, 33.56, -13.59
CIE LCh	68, 36.205, 337.952
Yxy	38.0037, 0.3383, 0.2729
Android (android.graphics.Color)	4292251839 (0xFFD690BF)
YUV	170.2880, 10.2110, 38.3354
Hunter-Lab	61.6471, 28.5566, -8.9288

Details

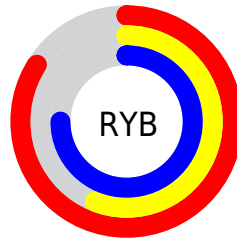
The YIQ color $170.2880, 26.6330, 29.4570$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $187.7120, -26.6330, -29.4570$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $221.2160, 17.9680, 26.8000$, and $116.9780, 24.5700, 28.2980$ is the 20% darker color. If you saturate the color by 10%, you get $157.1630, 34.6550, 38.2630$, and if you desaturate by 10%, it is $183.4130, 18.6110, 20.6510$.

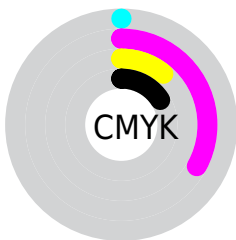
Distribution



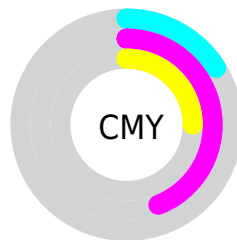
- Red (84%)
- Green (56%)
- Blue (75%)



- Red (84%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2880, 26.6330, 29.4570 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 170.2880, 26.6330, 29.4570 by changing the saturation by 10% instead.

■ 170.2880, 26.6330,
29.4570

■ 170.2880, 26.6330,
29.4570

255.0000, -0.0000,
-0.0000

■ 143.5760, 25.7620,
28.7220

■ 221.2160, 17.9680,
26.8000

■ 116.9780, 24.5700,
28.2980

■ 238.5640, 7.7000,
14.6440

■ 91.8530, 23.4240,
27.0400

■ 66.6680, 22.5070,
27.1390

■ 42.3690, 21.9110,
26.9270

■ 21.2330, 19.2980,
24.7220

■ 12.6740, 13.2020,

14.0500

■ 0.0000, 0.0000,
0.0000

■ 170.2880, 26.6330,
29.4570

■ 170.2880, 26.6330,
29.4570

■ 157.1630, 34.6550,
38.2630

■ 183.4130, 18.6110,
20.6510

■ 143.4510, 42.9520,
47.5920

■ 197.1250, 10.3140,
11.3220

■ 130.3260, 50.9740,
56.3980

■ 210.2500, 2.2920,
2.5160

■ 116.6140, 59.2710,
65.7270

■ 223.9620, -6.0050,
-6.8130

■ 103.4890, 67.2930,
74.5330

■ 237.0870,
-14.0270, -15.6190

■ 90.3640, 75.3150,
83.3390

■ 240.2330,
-17.3740, -15.5340

■ 80.4020, 81.3200,
90.1520

■ 241.0310,
-19.6210, -13.3570

■ 241.8290,
-21.8680, -11.1800

■ 242.6270,
-24.1150, -9.0030

Harmonies

Analogous

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



169.2550, -4.1310, 25.3170



170.2880, 26.6330, 29.4570



168.6630, 47.2660, 24.4660

Triad

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



170.2880, 26.6330, 29.4570



162.9500, 28.6590, -18.2930



139.4730, -97.3790, -24.8590

Complementary

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



170.2880, 26.6330, 29.4570



187.7120, -26.6330, -29.4570

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.



144.8980, -71.0150, -29.0870



170.2880, 26.6330, 29.4570



158.9510, 0.5550, -26.5890

Square

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



170.2880, 26.6330, 29.4570



165.2610, 47.3170, -4.0030



153.0040, -33.3270, -29.2870



152.0990, -75.0540, -5.4380

Rectangle

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



170.2880, 26.6330, 29.4570



168.0300, 53.1820, 16.3660



153.0040, -33.3270, -29.2870



139.5180, -93.2520, -28.0680

Sweetspot

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



170.2880, 26.6330, 29.4570



239.4130, 9.4430, 10.5870



158.5580, -9.3580, 26.4340



117.9240, 6.3260, 6.5020



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.



170.2880, 26.6330, 29.4570



193.1250, 37.8180, 41.5140



166.4120, 37.5470, 18.8830



100.2010, 3.9880, 4.8200



64.2390, 65.0010, 72.0170



16.1630, 16.3190, 18.1350

Inverse Universe

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



170.2880, 26.6330, 29.4570



193.1250, 37.8180, 41.5140



191.5880, -37.5470, -18.8830



100.2010, 3.9880, 4.8200



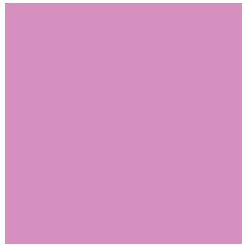
64.2390, 65.0010, 72.0170



16.1630, 16.3190, 18.1350

Previews

White Background



This preview shows how the YIQ color 170.2880, 26.6330, 29.4570 looks on a white background.

Color Contrast Check

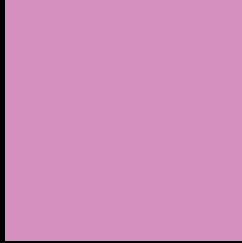
Large Text (above 18pt) WCAG AA × Fail

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 170.2880, 26.6330, 29.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

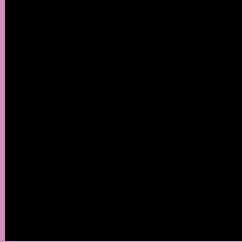
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2880, 26.6330, 29.4570

Background



This preview shows how black text looks on a background with the YIQ color 170.2880, 26.6330, 29.4570.



This preview shows how white text looks on a background with the YIQ color 170.2880, 26.6330,

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

170.2880, 26.6330, 29.4570

Protanopia

167.1680, -17.6080, 10.7440

Deuteranopia

167.9540, -2.3860, 10.2060



Tritanopia

169.1940, 32.2290, 16.1410

Trichromacy



Original Color

170.2880, 26.6330, 29.4570

Protanomaly

168.1810, -1.2870, 17.8250

Deuteranomaly

168.4440, 8.1580, 17.3580

Tritanomaly

169.5730, 29.8440, 20.8200

Monochromacy



Original Color

170.2880, 26.6330, 29.4570

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.4130, 9.4430, 10.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2880, 26.6330, 29.4570 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(214, 144, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 144, 191)  
}
```

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(214, 144, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 144, 191) }
```

Border

The CSS property to change the border of an element to YIQ 170.2880, 26.6330, 29.4570 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(214, 144, 191) }
```


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

```
.border{ border-color:rgb(214, 144, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 144, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 144, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 144, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 144,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2880, 26.6330, 29.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 144, 191) }
```

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

```
.background{ background-color: rgb(214,  
144, 191) }
```

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