

Converting Colors

YIQ(169.4960, 28.7430, 24.2550)

Have a look what the booklet for
YIQ(169.4960, 28.7430, 24.2550)
contains.

YIQ(169.4960, 28.7430, 24.2550)	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(169.4960, 28.7430,
24.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	D492B3
RGB	212, 146, 179
RGB Percent	83%, 57%, 70%
CMY	0.1684, 0.4275, 0.2979
CMYK	0.00, 0.31, 0.16, 0.17
HSL	330°, 43%, 70%
HSV	330°, 31%, 83%
XYZ	45.5780, 37.8086, 47.5554
YIQ	169.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

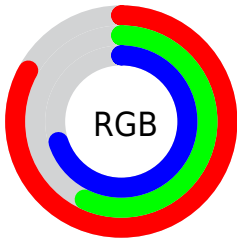
Format	Color
R _Y B	212, 146, 179
Decimal	13931187
CIE Lab	67.88, 29.81, -7.12
CIE LCh	68, 30.650, 346.560
Yxy	37.8086, 0.3481, 0.2887
Android (android.graphics.Color)	4292121267 (0xFFD492B3)
YUV	169.4960, 4.6855, 37.2760
Hunter-Lab	61.4887, 24.7065, -2.8128

Details

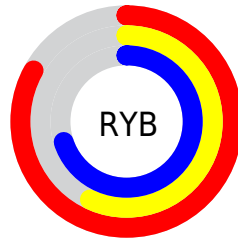
The YIQ color **169.4960, 28.7430, 24.2550** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.5040, -28.7430, -24.2550**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.0220, 21.2700, 22.0220**, and **116.1860, 26.6800, 23.0960** is the 20% darker color. If you saturate the color by 10%, you get **155.9150, 38.0490, 31.8170**, and if you desaturate by 10%, it is **183.0770, 19.4370, 16.6930**.

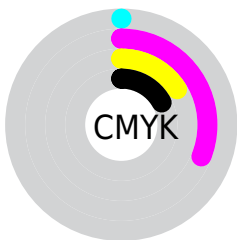
Distribution



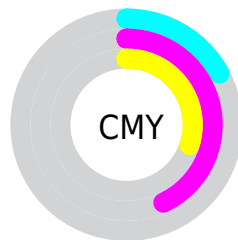
- Red (83%)
- Green (57%)
- Blue (70%)



- Red (83%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (17%)




- Cyan (17%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.4960, 28.7430, 24.2550 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 169.4960, 28.7430, 24.2550 by changing the saturation by 10% instead.


 169.4960, 28.7430,
24.2550

 169.4960, 28.7430,
24.2550


255.0000, -0.0000,
-0.0000


 142.7840, 27.8720,
23.5200


 221.0220, 21.2700,
22.0220


 116.1860, 26.6800,
23.0960

 239.7380, 7.1500,
13.5980

 91.4740, 25.8090,
22.3610

 66.5770, 24.0210,
21.7250

 42.5060, 22.7830,
22.1350

 19.9080, 21.5910,
21.7110

 10.8930, 16.7790,

9.7950

0.0000, 0.0000,
0.0000

169.4960, 28.7430,
24.2550

169.4960, 28.7430,
24.2550

155.9150, 38.0490,
31.8170

183.0770, 19.4370,
16.6930

142.4480, 47.0340,
39.6900

196.5440, 10.4520,
8.8200

128.2800, 56.6150,
47.7750

210.7120, 0.8710,
0.7350

114.8130, 65.6000,
55.6480

224.1790, -8.1140,
-7.1380

101.2320, 74.9060,
63.2100

237.7600,
-17.4200, -14.7000

■ 87.6510, 84.2120,
70.7720

■ 240.7750,
-21.7760, -12.8480

■ 75.4720, 92.3260,
77.9100

■ 241.9150,
-24.9860, -9.7380

■ 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.



169.2790, 4.4890, 23.2810



169.4960, 28.7430, 24.2550



168.4080, 43.3700, 17.9780

Triad

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



169.4960, 28.7430, 24.2550



162.5020, 18.2970, -17.7270



151.1780, -68.2670, -12.8030

Complementary

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



169.4960, 28.7430, 24.2550



188.5040, -28.7430, -24.2550

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.



150.0890, -61.0670, -22.1470



169.4960, 28.7430, 24.2550



159.0520, -6.9190, -23.2950

Square

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



169.4960, 28.7430, 24.2550



164.7050, 37.1390, -6.7730



154.3830, -35.7120, -24.6080



158.8200, -52.0390, 1.4730

Rectangle

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



169.4960, 28.7430, 24.2550



167.3340, 46.2140, 10.4860



154.3830, -35.7120, -24.6080



149.6570, -68.3580, -16.6620

Sweetspot

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



169.4960, 28.7430, 24.2550



240.2450, 9.8560, 8.6080



163.0920, -2.1140, 27.3100



118.2830, 6.6930, 5.3570



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.



169.4960, 28.7430, 24.2550



194.4640, 40.9370, 34.5450



165.8480, 39.0150, 14.3030



99.9730, 4.6300, 4.1980



60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Inverse Universe

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



169.4960, 28.7430, 24.2550



194.4640, 40.9370, 34.5450



192.1520, -39.0150, -14.3030



99.9730, 4.6300, 4.1980



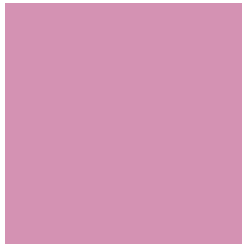
60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 169.4960, 28.7430, 24.2550 looks on a white background.

Color Contrast Check

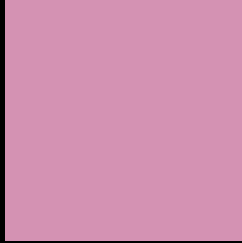
Large Text (above 18pt) WCAG AA × Fail

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 169.4960, 28.7430, 24.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

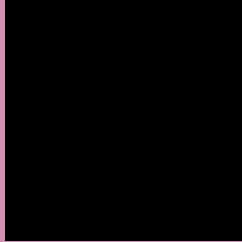
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.4960, 28.7430, 24.2550

Background



This preview shows how black text looks on a background with the YIQ color 169.4960, 28.7430, 24.2550.



This preview shows how white text looks on a background with the YIQ color 169.4960, 28.7430,

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

169.4960, 28.7430, 24.2550

Protanopia

166.1810, -10.4550, 7.7610

Deuteranopia

167.4940, 4.7210, 8.0570



Tritanopia

168.6070, 32.5040, 16.6640

Trichromacy



Original Color

169.4960, 28.7430, 24.2550

Protanomaly

167.2970, 4.0780, 14.2060

Deuteranomaly

168.5600, 13.5230, 13.7390

Tritanomaly

169.1170, 31.1280, 19.5760

Monochromacy



Original Color

169.4960, 28.7430, 24.2550

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.5440, 10.4520, 8.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.4960, 28.7430, 24.2550 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, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(212, 146, 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, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 146, 179) }
```

Border

The CSS property to change the border of an element to YIQ 169.4960, 28.7430, 24.2550 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, 146, 179) }
```


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

```
.border{ border-color:rgb(212, 146, 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, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(212, 146,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 169.4960, 28.7430, 24.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 146, 179) }
```

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

```
.background{ background-color: rgb(212,  
146, 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](#).

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