

Converting Colors

YIQ(170.1970, 28.1470, 24.0430)

Have a look what the booklet for
YIQ(170.1970, 28.1470, 24.0430)
contains.

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Color

**YIQ(170.1970, 28.1470,
24.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	D493B4
RGB	212, 147, 180
RGB Percent	83%, 58%, 71%
CMY	0.1684, 0.4236, 0.2940
CMYK	0.00, 0.31, 0.15, 0.17
HSL	330°, 43%, 70%
HSV	330°, 31%, 83%
XYZ	45.8342, 38.1588, 48.1414
YIQ	170.1970, 28.1470, 24.0430

Conversions

Conversions Part 2

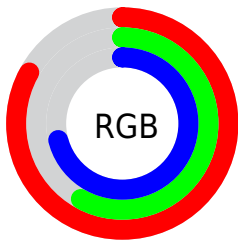
Format	Color
R _Y B	212, 147, 180
Decimal	13931444
CIE Lab	68.14, 29.43, -7.30
CIE LCh	68, 30.321, 346.070
Yxy	38.1588, 0.3469, 0.2888
Android (android.graphics.Color)	4292121524 (0xFFD493B4)
YUV	170.1970, 4.8329, 36.6612
Hunter-Lab	61.7728, 24.3409, -2.9655

Details

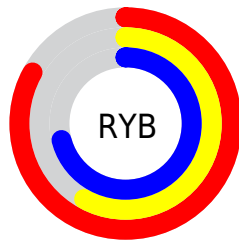
The YIQ color **170.1970, 28.1470, 24.0430** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.8030, -28.1470, -24.0430**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7230, 20.6740, 21.8100**, and **116.8870, 26.0840, 22.8840** is the 20% darker color. If you saturate the color by 10%, you get **156.7300, 37.1320, 31.9160**, and if you desaturate by 10%, it is **183.6640, 19.1620, 16.1700**.

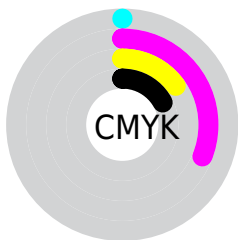
Distribution



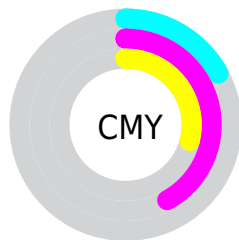
- Red (83%)
- Green (58%)
- Blue (71%)



- Red (83%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.1970, 28.1470, 24.0430 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 170.1970, 28.1470, 24.0430 by changing the saturation by 10% instead.


 170.1970, 28.1470,
24.0430

 170.1970, 28.1470,
24.0430


255.0000, -0.0000,
-0.0000


 143.4850, 27.2760,
23.3080


 221.7230, 20.6740,
21.8100


 116.8870, 26.0840,
22.8840

 240.3250, 6.8750,
13.0750

 92.1750, 25.2130,
22.1490

 67.5770, 24.0210,
21.7250

 43.6800, 22.2330,
21.0890

 20.0220, 21.2700,
22.0220

 11.1210, 16.1370,

10.4170

■ 0.0000, 0.0000,
0.0000

■ 170.1970, 28.1470,
24.0430

■ 170.1970, 28.1470,
24.0430

■ 156.7300, 37.1320,
31.9160

■ 183.6640, 19.1620,
16.1700

■ 143.1490, 46.4380,
39.4780

■ 197.2450, 9.8560,
8.6080

■ 129.0950, 55.6980,
47.8740

■ 211.2990, 0.5960,
0.2120

■ 115.5140, 65.0040,
55.4360

■ 224.8800, -8.7100,
-7.3500

■ 102.0470, 73.9890,
63.3090

■ 238.3470,
-17.6950, -15.2230

■ 88.4660, 83.2950,
70.8710

■ 240.7750,
-21.7760, -12.8480

■ 75.7000, 91.6840,
78.5320

■ 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.



169.8660, 4.2140, 22.7580



170.1970, 28.1470, 24.0430



169.1090, 42.7740, 17.7660

Triad

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



170.1970, 28.1470, 24.0430



162.9150, 18.5720, -17.2040



152.3630, -67.3500, -12.9020

Complementary

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



170.1970, 28.1470, 24.0430



188.8030, -28.1470, -24.0430

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.



150.9860, -59.2790, -21.5110



170.1970, 28.1470, 24.0430



159.3510, -6.3230, -23.0830

Square

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



170.1970, 28.1470, 24.0430



165.7050, 37.1390, -6.7730



154.9810, -34.5200, -24.1840



159.1190, -51.4430, 1.6850

Rectangle

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



170.1970, 28.1470, 24.0430



168.0350, 45.6180, 10.2740



154.9810, -34.5200, -24.1840



150.8420, -67.4410, -16.7610

Sweetspot

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



170.1970, 28.1470, 24.0430



240.2450, 9.8560, 8.6080



163.6790, -2.3890, 26.7870



118.3970, 6.3720, 5.6680



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.



170.1970, 28.1470, 24.0430



194.5780, 40.6160, 34.8560



166.5490, 38.4190, 14.0910



99.9730, 4.6300, 4.1980



61.0470, 73.9890, 63.3090



15.3650, 18.5660, 15.9580

Inverse Universe

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



170.1970, 28.1470, 24.0430



194.5780, 40.6160, 34.8560



192.4510, -38.4190, -14.0910



99.9730, 4.6300, 4.1980



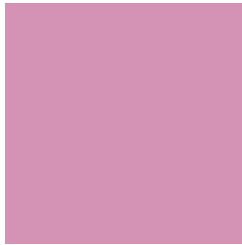
61.0470, 73.9890, 63.3090



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 170.1970, 28.1470, 24.0430 looks on a white background.

Color Contrast Check

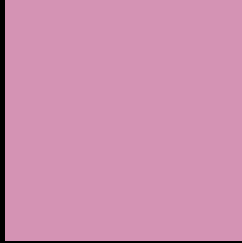
Large Text (above 18pt) WCAG AA × Fail

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 170.1970, 28.1470, 24.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

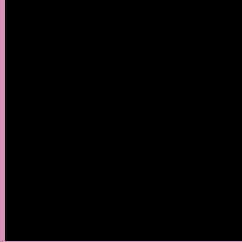
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.1970, 28.1470, 24.0430

Background



This preview shows how black text looks on a background with the YIQ color 170.1970, 28.1470, 24.0430.



This preview shows how white text looks on a background with the YIQ color 170.1970, 28.1470,

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

170.1970, 28.1470, 24.0430

Protanopia

167.1810, -10.4550, 7.7610

Deuteranopia

168.4940, 4.7210, 8.0570



Tritanopia

169.3080, 31.9080, 16.4520

Trichromacy



Original Color

170.1970, 28.1470, 24.0430

Protanomaly

167.9980, 3.4820, 13.9940

Deuteranomaly

169.2610, 12.9270, 13.5270

Tritanomaly

169.8180, 30.5320, 19.3640

Monochromacy



Original Color

170.1970, 28.1470, 24.0430

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.2450, 9.8560, 8.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1970, 28.1470, 24.0430 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, 147, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 147, 180)  
}
```

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, 147, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 147, 180) }
```

Border

The CSS property to change the border of an element to YIQ 170.1970, 28.1470, 24.0430 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, 147, 180) }
```


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

```
.border{ border-color:rgb(212, 147, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 147, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 147, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 147, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 147,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1970, 28.1470, 24.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 147, 180) }
```

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

```
.background{ background-color: rgb(212,  
147, 180) }
```

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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