

Converting Colors

YIQ(178.2970, 30.4410, 15.5050)

Have a look what the booklet for
YIQ(178.2970, 30.4410, 15.5050)
contains.

YIQ(178.2970, 30.4410, 15.5050)	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(178.2970, 30.4410,
15.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A0AB
RGB	217, 160, 171
RGB Percent	85%, 63%, 67%
CMY	0.1489, 0.3726, 0.3293
CMYK	0.00, 0.26, 0.21, 0.15
HSL	348°, 43%, 74%
HSV	348°, 26%, 85%
XYZ	48.5461, 42.8320, 44.2511
YIQ	178.2970, 30.4410, 15.5050

Conversions

Conversions Part 2

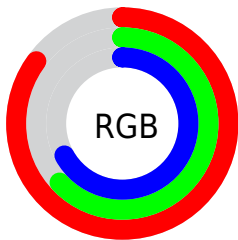
Format	Color
R _Y B	217, 160, 171
Decimal	14262443
CIE Lab	71.44, 22.78, 2.62
CIE LCh	71, 22.926, 6.551
Yxy	42.8320, 0.3579, 0.3158
Android (android.graphics.Color)	4292452523 (0xFFD9A0AB)
YUV	178.2970, -3.5974, 33.9425
Hunter-Lab	65.4461, 17.8757, 5.7236

Details

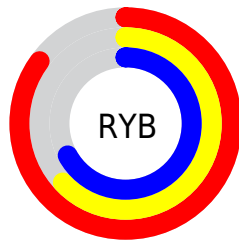
The YIQ color **178.2970, 30.4410, 15.5050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.7030, -30.4410, -15.5050**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.2140, 20.3090, 11.9010**, and **125.1010, 28.0570, 14.6570** is the 20% darker color. If you saturate the color by 10%, you get **163.4450, 41.9480, 21.7240**, and if you desaturate by 10%, it is **193.2630, 18.6130, 9.5970**.

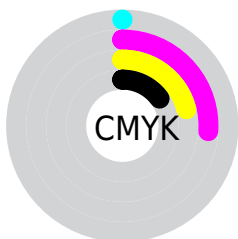
Distribution



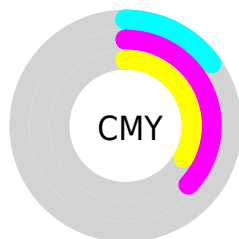
- Red (85%)
- Green (63%)
- Blue (67%)



- Red (85%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (15%)





- Cyan (15%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.2970, 30.4410, 15.5050 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 178.2970, 30.4410, 15.5050 by changing the saturation by 10% instead.


 178.2970, 30.4410,
15.5050

 178.2970, 30.4410,
15.5050


255.0000, -0.0000,
-0.0000


 151.6990, 29.2490,
15.0810


 228.2140, 20.3090,
11.9010


 125.1010, 28.0570,
14.6570

 248.5430, 3.0250,
5.7530

 99.5030, 26.8650,
14.2330

 75.6060, 25.0770,
13.5970

 52.0080, 23.8850,
13.1730

 29.3390, 21.4550,
13.1590

 11.6610, 23.2440,

8.2680

■ 0.0000, 0.0000,
0.0000

■ 178.2970, 30.4410,
15.5050

■ 178.2970, 30.4410,
15.5050

■ 163.4450, 41.9480,
21.7240

■ 193.2630, 18.6130,
9.5970

■ 149.0660, 53.5010,
27.1090

■ 207.5280, 7.3810,
3.9010

■ 134.2140, 65.0080,
33.3280

■ 222.4940, -4.4470,
-2.0070

■ 119.2480, 76.8360,
39.2360

■ 237.3460,
-15.9540, -8.2260

■ 104.3960, 88.3430,
45.4550

■ 243.6380,
-22.6480, -8.0560

■ 90.0170, 99.8960,
50.8400

■ 75.1650, 111.4030,
57.0590

■ 69.6710, 115.8500,
59.0660

Harmonies

Analogous

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



178.5760, 16.5940, 18.6580



178.2970, 30.4410, 15.5050



176.8920, 35.7150, 8.0270

Triad

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



178.2970, 30.4410, 15.5050



171.0580, 2.1120, -16.2560



169.9860, -40.9430, -1.3830

Complementary

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



178.2970, 30.4410, 15.5050



198.7030, -30.4410, -15.5050

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.



166.5520, -45.8930, -10.7970



178.2970, 30.4410, 15.5050



168.1680, -18.7490, -18.1490

Square

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



178.2970, 30.4410, 15.5050



173.5010, 20.0380, -10.7300



166.3540, -36.7680, -16.4800



173.9930, -24.4850, 8.7230

Rectangle

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



178.2970, 30.4410, 15.5050



176.3060, 34.2490, 1.5530



166.3540, -36.7680, -16.4800



168.0240, -44.1060, -4.6340

Sweetspot

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



178.2970, 30.4410, 15.5050



241.4360, 10.6360, 5.4840



180.2520, 9.1190, 27.4790



119.1150, 7.1060, 3.3780



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.



178.2970, 30.4410, 15.5050



199.3420, 43.7360, 22.3600



187.0220, 29.2970, 3.1930



102.5170, 5.9140, 2.9540



55.6030, 92.1940, 47.2500



14.7800, 24.5270, 12.5510

Inverse Universe

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



178.2970, 30.4410, 15.5050



199.3420, 43.7360, 22.3600



189.9780, -29.2970, -3.1930



102.5170, 5.9140, 2.9540



55.6030, 92.1940, 47.2500



14.7800, 24.5270, 12.5510

Previews

White Background



This preview shows how the YIQ color 178.2970, 30.4410, 15.5050 looks on a white background.

Color Contrast Check

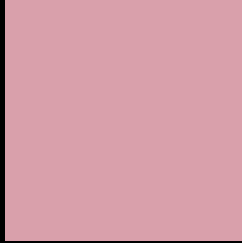
Large Text (above 18pt) WCAG AA × Fail

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 178.2970, 30.4410, 15.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

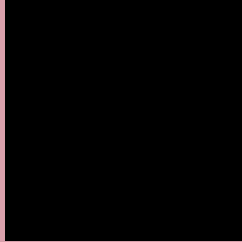
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.2970, 30.4410, 15.5050

Background



This preview shows how black text looks on a background with the YIQ color 178.2970, 30.4410, 15.5050.



This preview shows how white text looks on a background with the YIQ color 178.2970, 30.4410,

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

178.2970, 30.4410, 15.5050

Protanopia

175.4670, 0.1830, 2.1910

Deuteranopia

176.4750, 14.9000, 5.3000



Tritanopia

178.4110, 30.1200, 15.8160

Trichromacy



Original Color

178.2970, 30.4410, 15.5050

Protanomaly

176.6750, 11.4610, 7.0530

Deuteranomaly

177.2200, 20.1720, 8.8760

Tritanomaly

178.4110, 30.1200, 15.8160

Monochromacy



Original Color

178.2970, 30.4410, 15.5050

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7350, 11.2320, 5.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.2970, 30.4410, 15.5050 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(217, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 171)  
}
```

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(217, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 171) }
```

Border

The CSS property to change the border of an element to YIQ 178.2970, 30.4410, 15.5050 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(217, 160, 171) }
```


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

```
.border{ border-color:rgb(217, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 160,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 178.2970, 30.4410, 15.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 171) }
```

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

```
.background{ background-color: rgb(217,  
160, 171) }
```

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