

Converting Colors

YIQ(212.8680, 9.9000, 18.8280)

Have a look what the booklet for
YIQ(212.8680, 9.9000, 18.8280)
contains.

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Color

**YIQ(212.8680, 9.9000,
18.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC6EA
RGB	234, 198, 234
RGB Percent	92%, 78%, 92%
CMY	0.0822, 0.2236, 0.0823
CMYK	0.00, 0.15, 0.00, 0.08
HSL	300°, 46%, 85%
HSV	300°, 15%, 92%
XYZ	68.9831, 63.8191, 86.5266
YIQ	212.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

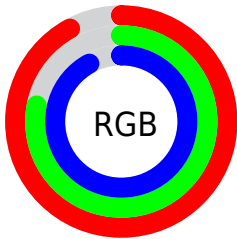
Format	Color
RYB	234, 198, 234
Decimal	15386346
CIELab	83.87, 18.86, -13.06
CIELCh	84, 22.936, 325.295
Yxy	63.8191, 0.3145, 0.2910
Android (android.graphics.Color)	4293576426 (0xFFEAC6EA)
YUV	212.8680, 10.4181, 18.5328
Hunter-Lab	79.8868, 14.3346, -8.2971

Details

The YIQ color $212.8680, 9.9000, 18.8280$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $219.1320, -9.9000, -18.8280$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.0420, 9.3500, 17.7820$ is the 20% darker color. If you saturate the color by 10%, you get $199.3670, 16.2250, 30.8570$, and if you desaturate by 10%, it is $226.3690, 3.5750, 6.7990$.

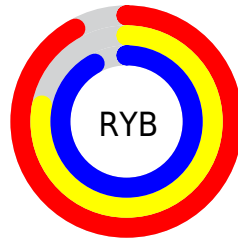
Distribution



Red (92%)

Green (78%)

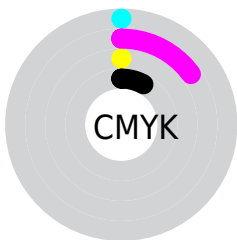
Blue (92%)



Red (92%)

Yellow (78%)

Blue (92%)

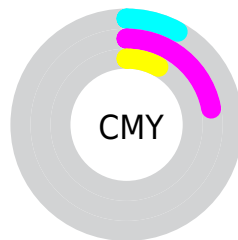


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8680, 9.9000, 18.8280 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 212.8680, 9.9000, 18.8280 by changing the saturation by 10% instead.

212.8680, 9.9000,
18.8280

212.8680, 9.9000,
18.8280

255.0000, -0.0000,
-0.0000

185.4550, 9.6250,
18.3050

158.0420, 9.3500,
17.7820

131.7430, 8.7540,
17.5700

106.3300, 8.4790,
17.0470

81.9170, 8.2040,
16.5240

59.0910, 7.6540,
15.4780

36.3790, 6.7830,

14.7430

■ 13.9170, 8.2040,
16.5240

■ 0.6840, -1.9260,
1.8660

■ 212.8680, 9.9000,
18.8280

■ 212.8680, 9.9000,
18.8280

■ 199.3670, 16.2250,
30.8570

■ 226.3690, 3.5750,
6.7990

■ 185.2790, 22.8250,
43.4090

■ 240.4570, -3.0250,
-5.7530

■ 171.7780, 29.1500,
55.4380

■ 246.3270, -5.7750,
-10.9830

■ 157.6900, 35.7500,
67.9900

■ 144.1890, 42.0750,
80.0190

■ 130.6880, 48.4000,
92.0480

■ 116.6000, 55.0000,
104.6000

■ 103.0990, 61.3250,
116.6290

■ 96.6420, 64.3500,
122.3820

Harmonies

Analogous

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



211.0980, -11.4190, 14.2210



212.8680, 9.9000, 18.8280



212.9100, 27.2770, 17.7810

Triad

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



212.8680, 9.9000, 18.8280



208.3170, 26.5480, -7.5640



200.4550, -44.2420, -13.1860

Complementary

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



212.8680, 9.9000, 18.8280



219.1320, -9.9000, -18.8280

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.



200.9370, -31.2200, -17.9080



212.8680, 9.9000, 18.8280



206.0050, 9.6310, -14.8570

Square

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



212.8680, 9.9000, 18.8280



210.7900, 35.7620, 1.6660



203.6480, -11.4130, -18.9410



202.7250, -44.7020, -4.8460

Rectangle

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



212.8680, 9.9000, 18.8280



212.5100, 34.1550, 14.2750



203.6480, -11.4130, -18.9410



200.8420, -41.0780, -15.4620

Sweetspot

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



212.8680, 9.9000, 18.8280



247.3690, 3.5750, 6.7990



202.1040, -11.5560, 11.1960



123.1900, 2.5210, 3.8730



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.



212.8680, 9.9000, 18.8280



227.9980, 12.6500, 24.0580



210.8160, 15.6780, 13.2300



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Inverse Universe

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



212.8680, 9.9000, 18.8280



227.9980, 12.6500, 24.0580



221.1840, -15.6780, -13.2300



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 212.8680, 9.9000, 18.8280 looks on a white background.

Color Contrast Check

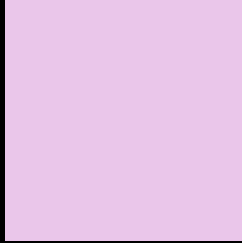
Large Text (above 18pt) WCAG AA × Fail

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 212.8680, 9.9000, 18.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

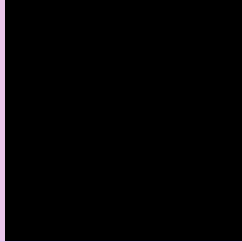
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.8680, 9.9000, 18.8280

Background



This preview shows how black text looks on a background with the YIQ color 212.8680, 9.9000, 18.8280.



This preview shows how white text looks on a background with the YIQ color 212.8680, 9.9000,

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

212.8680, 9.9000, 18.8280

Protanopia

210.4520, -12.6560, 9.1040

Deuteranopia

211.7910, -0.3690, 12.1990



Tritanopia

212.0930, 13.3400, 11.5480

Trichromacy



Original Color

212.8680, 9.9000, 18.8280

Protanomaly

211.1650, -4.3580, 12.9060

Deuteranomaly

212.1120, 3.1610, 14.3050

Tritanomaly

212.4890, 12.2850, 14.1490

Monochromacy



Original Color

212.8680, 9.9000, 18.8280

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.3690, 3.5750, 6.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8680, 9.9000, 18.8280 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(234, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 234)  
}
```

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(234, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 234) }
```

Border

The CSS property to change the border of an element to YIQ 212.8680, 9.9000, 18.8280 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(234, 198, 234) }
```


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

```
.border{ border-color:rgb(234, 198, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8680, 9.9000, 18.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 234) }
```

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

```
.background{ background-color: rgb(234,  
198, 234) }
```

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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