

Converting Colors

YIQ(198.0780, 17.6960, 9.6960)

Have a look what the booklet for
YIQ(198.0780, 17.6960, 9.6960)
contains.

YIQ(198.0780, 17.6960, 9.6960)	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(198.0780, 17.6960,
9.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBC3
RGB	221, 187, 195
RGB Percent	87%, 73%, 76%
CMY	0.1332, 0.2667, 0.2352
CMYK	0.00, 0.15, 0.12, 0.13
HSL	346°, 33%, 80%
HSV	346°, 15%, 87%
XYZ	57.4449, 54.8511, 59.1991
YIQ	198.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

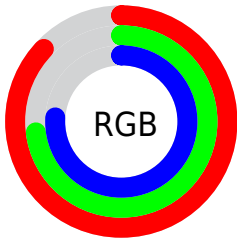
Format	Color
R _Y B	221, 187, 195
Decimal	14531523
CIE Lab	78.96, 13.45, 0.48
CIE LCh	79, 13.459, 2.046
Yxy	54.8511, 0.3350, 0.3198
Android (android.graphics.Color)	4292721603 (0xFFDDBBC3)
YUV	198.0780, -1.5175, 20.1026
Hunter-Lab	74.0615, 8.8438, 4.4512

Details

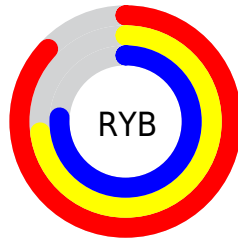
The YIQ color $198.0780, 17.6960, 9.6960$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $209.9220, -17.6960, -9.6960$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.6140, 4.2630, 5.3430$, and $144.3660, 16.8250, 8.9610$ is the 20% darker color. If you saturate the color by 10%, you get $183.2260, 29.2030, 15.9150$, and if you desaturate by 10%, it is $212.9300, 6.1890, 3.4770$.

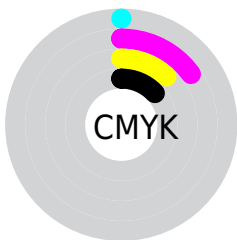
Distribution



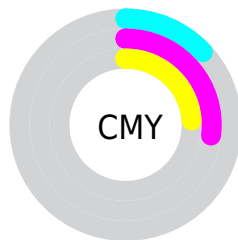
- Red (87%)
- Green (73%)
- Blue (76%)



- Red (87%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.0780, 17.6960, 9.6960 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 198.0780, 17.6960, 9.6960 by changing the saturation by 10% instead.

 198.0780, 17.6960,
9.6960


 198.0780, 17.6960,
9.6960


255.0000, -0.0000,
-0.0000


 170.7790, 17.1000,
9.4840


 247.6140, 4.2630,
5.3430

 144.3660, 16.8250,
8.9610

 118.1810, 15.9080,
9.0600

 93.4690, 15.0370,
8.3250

 70.1700, 14.4410,
8.1130

 47.5720, 13.2490,
7.6890

 25.9740, 12.0570,

7.2650

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,
0.0000

■ 198.0780, 17.6960,
9.6960

■ 198.0780, 17.6960,
9.6960

■ 183.2260, 29.2030,
15.9150

■ 212.9300, 6.1890,
3.4770

■ 168.3740, 40.7100,
22.1340

■ 227.7820, -5.3180,
-2.7420

■ 153.5220, 52.2170,
28.3530

■ 242.6340,
-16.8250, -8.9610

■ 138.6700, 63.7240,
34.5720

■ 244.8340,
-20.2640, -7.2080

■ 123.3450, 75.1850,
41.6250

■ 108.4930, 86.6920,
47.8440

■ 93.6410, 98.1990,
54.0630

■ 78.7890, 109.7060,
60.2820

■ 72.0070, 115.0240,
63.0240

Harmonies

Analogous

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



198.2280, 8.5260, 10.6860



198.0780, 17.6960, 9.6960



197.5960, 21.8690, 5.6530

Triad

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



198.0780, 17.6960, 9.6960



193.7580, 3.2570, -9.4710



192.9680, -23.3370, -1.0730

Complementary

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



198.0780, 17.6960, 9.6960



209.9220, -17.6960, -9.6960

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.



191.3220, -24.5740, -6.1900



198.0780, 17.6960, 9.6960



192.3590, -8.8010, -11.2090

Square

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



198.0780, 17.6960, 9.6960



195.2540, 13.6640, -5.3440



191.4380, -19.2090, -9.8090



194.8490, -15.4520, 4.7080

Rectangle

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



198.0780, 17.6960, 9.6960



197.0750, 21.7780, 1.7940



191.4380, -19.2090, -9.8090



192.4300, -24.7580, -2.8540

Sweetspot

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



198.0780, 17.6960, 9.6960



246.2290, 6.7850, 3.6890



198.6500, 4.5820, 16.0860



122.6200, 4.1260, 2.3180



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.



198.0780, 17.6960, 9.6960



224.0080, 23.8850, 13.1730



201.8620, 18.0640, 3.0240



102.5170, 5.9140, 2.9540



56.4010, 89.9470, 49.4270



15.0080, 23.8850, 13.1730

Inverse Universe

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



198.0780, 17.6960, 9.6960



224.0080, 23.8850, 13.1730



206.1380, -18.0640, -3.0240



102.5170, 5.9140, 2.9540



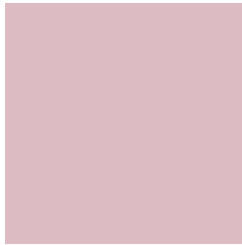
56.4010, 89.9470, 49.4270



15.0080, 23.8850, 13.1730

Previews

White Background



This preview shows how the YIQ color 198.0780, 17.6960, 9.6960 looks on a white background.

Color Contrast Check

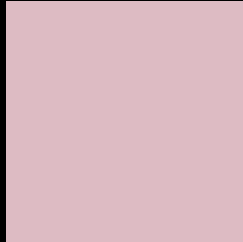
Large Text (above 18pt) WCAG AA × Fail

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 198.0780, 17.6960, 9.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

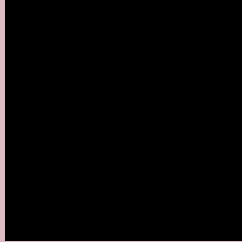
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.0780, 17.6960, 9.6960

Background



This preview shows how black text looks on a background with the YIQ color 198.0780, 17.6960, 9.6960.



This preview shows how white text looks on a background with the YIQ color 198.0780, 17.6960, 9.6960.

9.6960.

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

198.0780, 17.6960, 9.6960

Protanopia

196.3530, 0.5040, 1.8800

Deuteranopia

197.4580, 13.5700, 7.3780



Tritanopia

198.4740, 16.6410, 12.2970

Trichromacy



Original Color

198.0780, 17.6960, 9.6960

Protanomaly

196.8700, 6.4180, 4.8340

Deuteranomaly

197.4690, 15.0370, 8.3250

Tritanomaly

198.2460, 17.2830, 11.6750

Monochromacy



Original Color

198.0780, 17.6960, 9.6960

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0780, 17.6960, 9.6960 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(221, 187, 195)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 195)  
}
```

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(221, 187, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 195) }
```

Border

The CSS property to change the border of an element to YIQ 198.0780, 17.6960, 9.6960 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(221, 187, 195) }
```


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

```
.border{ border-color:rgb(221, 187, 195) }
```

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

Here you see how a box with a 4 pixel rgb(221, 187, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 195);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0780, 17.6960, 9.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 195) }
```

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

```
.background{ background-color: rgb(221,  
187, 195) }
```

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