

Converting Colors

YIQ(198.7300, 18.7960, 11.7880)

Have a look what the booklet for
YIQ(198.7300, 18.7960, 11.7880)
contains.

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Color

**YIQ(198.7300, 18.7960,
11.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BAC6
RGB	224, 186, 198
RGB Percent	88%, 73%, 78%
CMY	0.1215, 0.2706, 0.2235
CMYK	0.00, 0.17, 0.12, 0.12
HSL	341°, 38%, 80%
HSV	341°, 17%, 88%
XYZ	58.4987, 55.0404, 60.9768
YIQ	198.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

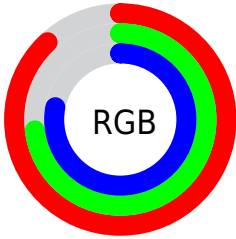
Format	Color
RYB	224, 186, 198
Decimal	14727878
CIELab	79.06, 15.55, -0.95
CIELCh	79, 15.579, 356.507
Yxy	55.0404, 0.3352, 0.3154
Android (android.graphics.Color)	4292917958 (0xFFE0BAC6)
YUV	198.7300, -0.3599, 22.1618
Hunter-Lab	74.1892, 10.9175, 3.2014

Details

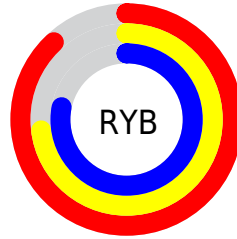
The YIQ color **198.7300, 18.7960, 11.7880** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211.2700, -18.7960, -11.7880**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.3690, 3.5750, 6.7990**, and **144.7190, 17.3290, 10.8410** is the 20% darker color. If you saturate the color by 10%, you get **184.1060, 29.6610, 18.6290**, and if you desaturate by 10%, it is **213.3540, 7.9310, 4.9470**.

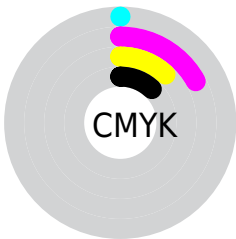
Distribution



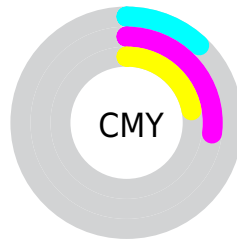
- Red (88%)
- Green (73%)
- Blue (78%)



- Red (88%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7300, 18.7960, 11.7880 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 198.7300, 18.7960, 11.7880 by changing the saturation by 10% instead.

■ 198.7300, 18.7960,
11.7880

■ 198.7300, 18.7960,
11.7880

255.0000, -0.0000,
-0.0000

■ 171.4310, 18.2000,
11.5760

■ 247.3690, 3.5750,
6.7990

■ 144.7190, 17.3290,
10.8410

■ 118.8330, 17.0080,
11.1520

■ 94.1210, 16.1370,
10.4170

■ 70.4090, 15.2660,
9.6820

■ 47.8110, 14.0740,
9.2580

■ 26.2130, 12.8820,

8.8340

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 198.7300, 18.7960,
11.7880

■ 198.7300, 18.7960,
11.7880

■ 184.1060, 29.6610,
18.6290

■ 213.3540, 7.9310,
4.9470

■ 168.7810, 41.1220,
25.6820

■ 228.6790, -3.5300,
-2.1060

■ 154.1570, 51.9870,
32.5230

■ 243.3030,
-14.3950, -8.9470

■ 138.9460, 63.1270,
39.8870

■ 245.7310,
-18.4760, -6.5720

■ 124.2080, 74.3130,
46.4170

■ 109.5840, 85.1780,
53.2580

■ 94.3730, 96.3180,
60.6220

■ 79.6350, 107.5040,
67.1520

■ 75.0700, 110.7130,
69.5690

Harmonies

Analogous

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



198.2110, 7.1960, 12.7640



198.7300, 18.7960, 11.7880



197.9170, 25.3990, 7.7590

Triad

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



198.7300, 18.7960, 11.7880



193.9000, 5.7330, -10.2910



192.5760, -28.1050, -2.7690

Complementary

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



198.7300, 18.7960, 11.7880



211.2700, -18.7960, -11.7880

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.



190.7020, -28.7000, -8.5080



198.7300, 18.7960, 11.7880



191.9030, -7.5170, -12.4530

Square

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



198.7300, 18.7960, 11.7880



195.4070, 17.6070, -5.2170



190.7860, -20.3090, -11.9010



194.9840, -20.2660, 3.8460

Rectangle

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



198.7300, 18.7960, 11.7880



197.2820, 25.6290, 3.5890



190.7860, -20.3090, -11.9010



191.9240, -29.2050, -4.8610

Sweetspot

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



198.7300, 18.7960, 11.7880



246.3430, 6.4640, 4.0000



198.1060, 3.2980, 17.3300



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.



198.7300, 18.7960, 11.7880



221.0730, 25.2600, 15.7880



201.4710, 20.7230, 4.3950



104.7450, 5.2720, 3.5760



59.0080, 86.9200, 54.7280



16.0620, 23.7930, 14.8410

Inverse Universe

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



198.7300, 18.7960, 11.7880



221.0730, 25.2600, 15.7880



208.5290, -20.7230, -4.3950



104.7450, 5.2720, 3.5760



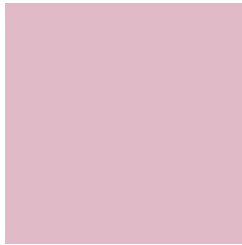
59.0080, 86.9200, 54.7280



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 198.7300, 18.7960, 11.7880 looks on a white background.

Color Contrast Check

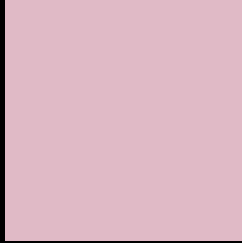
Large Text (above 18pt) WCAG AA × Fail

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 198.7300, 18.7960, 11.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

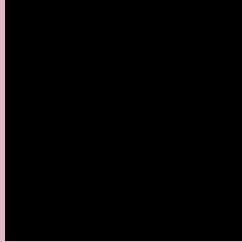
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.7300, 18.7960, 11.7880

Background



This preview shows how black text looks on a background with the YIQ color 198.7300, 18.7960, 11.7880.



This preview shows how white text looks on a background with the YIQ color 198.7300, 18.7960,

11.7880.

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

198.7300, 18.7960, 11.7880

Protanopia

196.5100, -1.3760, 2.9120

Deuteranopia

197.9740, 12.0570, 7.2650



Tritanopia

198.9580, 18.1540, 12.4100

Trichromacy



Original Color

198.7300, 18.7960, 11.7880

Protanomaly

197.5110, 6.0510, 5.9790

Deuteranomaly

198.5830, 14.7160, 8.6360

Tritanomaly

198.8440, 18.4750, 12.0990

Monochromacy



Original Color

198.7300, 18.7960, 11.7880

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.7560, 6.7390, 4.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7300, 18.7960, 11.7880 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(224, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(224, 186, 198)  
}
```

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(224, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 186, 198) }
```

Border

The CSS property to change the border of an element to YIQ 198.7300, 18.7960, 11.7880 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(224, 186, 198) }
```


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

```
.border{ border-color:rgb(224, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 186,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7300, 18.7960, 11.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 186, 198) }
```

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

```
.background{ background-color: rgb(224,  
186, 198) }
```

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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