

Converting Colors

YIQ(198.0400, 20.8590, 12.9470)

Have a look what the booklet for
YIQ(198.0400, 20.8590, 12.9470)
contains.

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Color

**YIQ(198.0400, 20.8590,
12.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B8C5
RGB	226, 184, 197
RGB Percent	89%, 72%, 77%
CMY	0.1136, 0.2785, 0.2274
CMYK	0.00, 0.19, 0.13, 0.11
HSL	341°, 42%, 80%
HSV	341°, 19%, 89%
XYZ	58.5897, 54.4789, 60.2619
YIQ	198.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

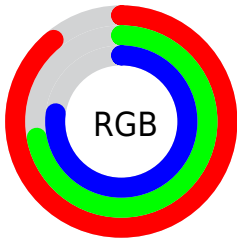
Format	Color
R _Y B	226, 184, 197
Decimal	14858437
CIE Lab	78.74, 17.17, -0.86
CIE LCh	79, 17.189, 357.127
Yxy	54.4789, 0.3380, 0.3143
Android (android.graphics.Color)	4293048517 (0xFFE2B8C5)
YUV	198.0400, -0.5127, 24.5209
Hunter-Lab	73.8098, 12.5247, 3.2597

Details

The YIQ color **198.0400, 20.8590, 12.9470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211.9600, -20.8590, -12.9470**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0810, 4.4460, 7.5340**, and **144.0290, 19.3920, 12.0000** is the 20% darker color. If you saturate the color by 10%, you get **182.7150, 32.3200, 20.0000**, and if you desaturate by 10%, it is **213.3650, 9.3980, 5.8940**.

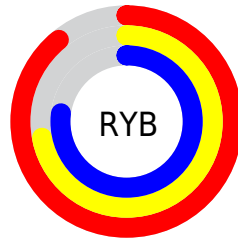
Distribution



Red (89%)

Green (72%)

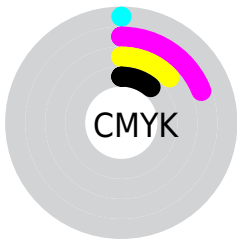
Blue (77%)



Red (89%)

Yellow (72%)

Blue (77%)

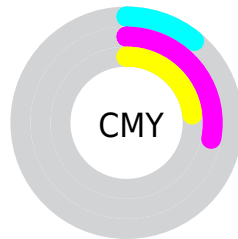


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (11%)



Cyan (11%)


Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.0400, 20.8590, 12.9470 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 198.0400, 20.8590, 12.9470 by changing the saturation by 10% instead.


 198.0400, 20.8590,
12.9470


 198.0400, 20.8590,
12.9470


255.0000, -0.0000,
-0.0000


 170.7410, 20.2630,
12.7350


 246.0810, 4.4460,
7.5340

 144.0290, 19.3920,
12.0000

 117.8440, 18.4750,
12.0990

 93.1320, 17.6040,
11.3640

 69.5340, 16.4120,
10.9400

 46.8220, 15.5410,
10.2050

 25.3380, 14.0280,

10.0920

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 198.0400, 20.8590,
12.9470

■ 198.0400, 20.8590,
12.9470

■ 182.7150, 32.3200,
20.0000

■ 213.3650, 9.3980,
5.8940

■ 168.0910, 43.1850,
26.8410

■ 227.9890, -1.4670,
-0.9470

■ 152.7660, 54.6460,
33.8940

■ 243.3140,
-12.9280, -8.0000

■ 138.1420, 65.5110,
40.7350

■ 246.3290,
-17.2840, -6.1480

■ 122.8170, 76.9720,
47.7880

■ 107.4920, 88.4330,
54.8410

■ 92.8680, 99.2980,
61.6820

■ 77.5430, 110.7590,
68.7350

■ 75.5540, 112.2260,
69.6820

Harmonies

Analogous

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



197.9230, 8.0670, 13.4990



198.0400, 20.8590, 12.9470



197.7000, 27.5080, 8.0840

Triad

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



198.0400, 20.8590, 12.9470



192.5580, 6.6960, -11.2240



190.7220, -31.4520, -2.6840

Complementary

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



198.0400, 20.8590, 12.9470



211.9600, -20.8590, -12.9470

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.



189.3210, -32.0010, -9.2570



198.0400, 20.8590, 12.9470



190.7780, -8.6630, -13.7110

Square

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



198.0400, 20.8590, 12.9470



194.3640, 19.1660, -5.9380



189.2910, -23.2890, -12.9610



193.7280, -22.4210, 4.3550

Rectangle

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



198.0400, 20.8590, 12.9470



196.6520, 27.4630, 3.3910



189.2910, -23.2890, -12.9610



190.0700, -32.5520, -4.7760

Sweetspot

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



198.0400, 20.8590, 12.9470



244.9410, 7.6560, 4.4240



197.4590, 3.8020, 19.2100



121.9190, 4.7220, 2.5300



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.



198.0400, 20.8590, 12.9470



217.6820, 27.9190, 17.1590



201.2540, 22.8320, 4.7200



104.6310, 5.5930, 3.2650



58.8940, 87.2410, 54.4170



16.0620, 23.7930, 14.8410

Inverse Universe

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



198.0400, 20.8590, 12.9470



217.6820, 27.9190, 17.1590



208.7460, -22.8320, -4.7200



104.6310, 5.5930, 3.2650



58.8940, 87.2410, 54.4170



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 198.0400, 20.8590, 12.9470 looks on a white background.

Color Contrast Check

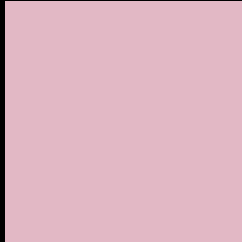
Large Text (above 18pt) WCAG AA × Fail

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 198.0400, 20.8590, 12.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

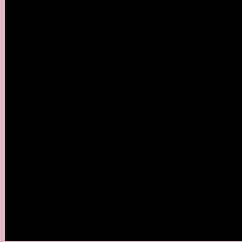
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.0400, 20.8590, 12.9470

Background



This preview shows how black text looks on a background with the YIQ color 198.0400, 20.8590, 12.9470.



This preview shows how white text looks on a background with the YIQ color 198.0400, 20.8590,

12.9470.

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

198.0400, 20.8590, 12.9470

Protanopia

195.6240, -1.6970, 3.2230

Deuteranopia

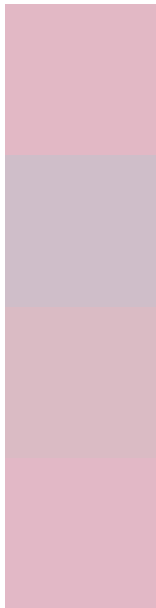
196.9740, 12.0570, 7.2650



Tritanopia

198.1540, 20.5380, 13.2580

Trichromacy



Original Color

198.0400, 20.8590, 12.9470

Protanomaly

196.3370, 6.6010, 7.0250

Deuteranomaly

197.2950, 15.5870, 9.3710

Tritanomaly

198.1540, 20.5380, 13.2580

Monochromacy



Original Color

198.0400, 20.8590, 12.9470

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0400, 20.8590, 12.9470 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(226, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 197)  
}
```

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(226, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 197) }
```

Border

The CSS property to change the border of an element to YIQ 198.0400, 20.8590, 12.9470 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(226, 184, 197) }
```


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

```
.border{ border-color:rgb(226, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(226, 184,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0400, 20.8590, 12.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 184, 197) }
```

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

```
.background{ background-color: rgb(226,  
184, 197) }
```

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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