

Converting Colors

YIQ(197.5810, 26.2250, 3.8010)

Have a look what the booklet for
YIQ(197.5810, 26.2250, 3.8010)
contains.

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Color

**YIQ(197.5810, 26.2250,
3.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BCAF
RGB	225, 188, 175
RGB Percent	88%, 74%, 69%
CMY	0.1176, 0.2628, 0.3136
CMYK	0.00, 0.16, 0.22, 0.12
HSL	16°, 45%, 78%
HSV	16°, 22%, 88%
XYZ	56.7783, 55.0669, 48.2089
YIQ	197.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

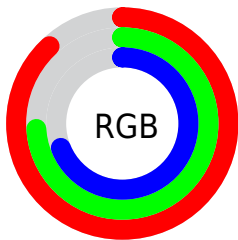
Format	Color
R _Y B	225, 193, 175
Decimal	14793903
CIE Lab	79.08, 11.27, 11.50
CIE LCh	79, 16.100, 45.560
Yxy	55.0669, 0.3547, 0.3441
Android (android.graphics.Color)	4292983983 (0xFFE1BCAF)
YUV	197.5810, -11.1324, 24.0465
Hunter-Lab	74.2071, 6.7139, 13.4270

Details

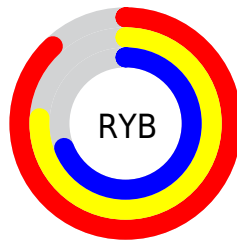
The YIQ color **197.5810, 26.2250, 3.8010** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202.4190, -26.2250, -3.8010**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8070, 10.7290, -1.7110**, and **143.7980, 24.1160, 3.4760** is the 20% darker color. If you saturate the color by 10%, you get **185.0940, 37.9620, 5.8500**, and if you desaturate by 10%, it is **210.1820, 14.1670, 2.0630**.

Distribution



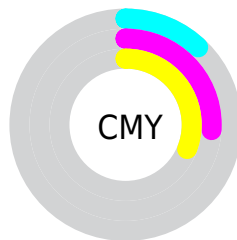
- Red (88%)
- Green (74%)
- Blue (69%)



- Red (88%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.5810, 26.2250, 3.8010 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 197.5810, 26.2250, 3.8010 by changing the saturation by 10% instead.


 197.5810, 26.2250,
3.8010


 197.5810, 26.2250,
3.8010


255.0000, -0.0000,
-0.0000


 170.2820, 25.6290,
3.5890


 245.8070, 10.7290,
-1.7110

 143.7980, 24.1160,
3.4760

 117.6130, 23.1990,
3.5750

 93.0150, 22.0070,
3.1510

 69.4170, 20.8150,
2.7270

 46.6340, 18.7060,
2.4020

 24.9930, 19.0730,

1.2570

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 197.5810, 26.2250,
3.8010

■ 197.5810, 26.2250,
3.8010

■ 185.0940, 37.9620,
5.8500

■ 210.1820, 14.1670,
2.0630

■ 173.0800, 49.7450,
7.0650

■ 222.0820, 2.7050,
0.5370

■ 160.5930, 61.4820,
9.1140

■ 234.6830, -9.3530,
-1.2010

■ 147.9920, 73.5400,
10.8520

■ 246.0300,
-17.8800, -6.3600

■ 136.0920, 85.0020,
12.3780

■ 123.4910, 97.0600,
14.1160

■ 111.0040,
108.7970, 16.1650

■ 101.3210,
118.1500, 17.3660

Harmonies

Analogous

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



198.7860, 24.3900, 9.5260



197.5810, 26.2250, 3.8010



196.0270, 21.7330, -2.8990

Triad

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



197.5810, 26.2250, 3.8010



191.1130, -16.9160, -12.8200



195.9250, -12.6100, 8.2700

Complementary

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



197.5810, 26.2250, 3.8010



202.4190, -26.2250, -3.8010

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.



193.4780, -24.7130, 1.8390



197.5810, 26.2250, 3.8010



190.7190, -27.3700, -10.5860

Square

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



197.5810, 26.2250, 3.8010



192.9420, -3.2530, -12.6370



191.4400, -30.7180, -4.9740



198.4600, 2.0610, 12.2130

Rectangle

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



197.5810, 26.2250, 3.8010



195.2710, 14.9940, -7.4220



191.4400, -30.7180, -4.9740



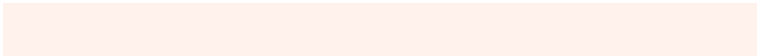
195.4190, -17.0570, 6.2630

Sweetspot

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



197.5810, 26.2250, 3.8010



245.3170, 9.3530, 1.2010



194.2820, 17.6020, 22.4180



122.0500, 5.7310, 0.7630



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.



197.5810, 26.2250, 3.8010



217.1970, 36.1740, 5.2140



212.2560, 19.3500, -9.2740



106.0500, 5.7310, 0.7630



79.6260, 92.2460, 13.2540



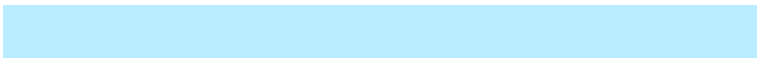
21.9830, 25.0330, 3.3770

Inverse Universe

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



202.4190, -26.2250, -3.8010



223.8030, -36.1740, -5.2140



188.3310, -19.6250, 8.7510



106.9500, -5.7310, -0.7630



96.3740, -92.2460, -13.2540



26.6040, -25.3080, -3.9000

Previews

White Background



This preview shows how the YIQ color 197.5810, 26.2250, 3.8010 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 197.5810, 26.2250, 3.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

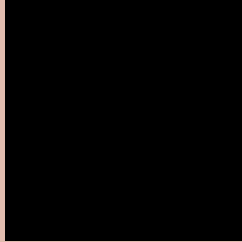
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.5810, 26.2250, 3.8010

Background



This preview shows how black text looks on a background with the YIQ color 197.5810, 26.2250, 3.8010.



This preview shows how white text looks on a background with the YIQ color 197.5810, 26.2250,

3.8010.

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

197.5810, 26.2250, 3.8010

Protanopia

195.8670, 10.5000, -3.0680

Deuteranopia

197.5700, 24.7580, 2.8540



Tritanopia

198.8660, 21.4090, 13.9930

Trichromacy



Original Color

197.5810, 26.2250, 3.8010

Protanomaly

196.3840, 16.4140, -0.1140

Deuteranomaly

197.8690, 25.3540, 3.0660

Tritanomaly

198.1280, 23.4270, 10.4590

Monochromacy



Original Color

197.5810, 26.2250, 3.8010

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5810, 26.2250, 3.8010 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(225, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(225, 188, 175)  
}
```

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(225, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 175) }
```

Border

The CSS property to change the border of an element to YIQ 197.5810, 26.2250, 3.8010 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(225, 188, 175) }
```


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

```
.border{ border-color:rgb(225, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(225, 188,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5810, 26.2250, 3.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 188, 175) }
```

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

```
.background{ background-color: rgb(225,  
188, 175) }
```

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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