

Converting Colors

YIQ(196.7780, 18.8410, 16.4810)

Have a look what the booklet for
YIQ(196.7780, 18.8410, 16.4810)
contains.

YIQ(196.7780, 18.8410, 16.4810)	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(196.7780, 18.8410,
16.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B5CC
RGB	225, 181, 204
RGB Percent	88%, 71%, 80%
CMY	0.1175, 0.2902, 0.1999
CMYK	0.00, 0.20, 0.09, 0.12
HSL	329°, 42%, 80%
HSV	329°, 20%, 88%
XYZ	58.4818, 53.4130, 64.3633
YIQ	196.7780, 18.8410, 16.4810

Conversions

Conversions Part 2

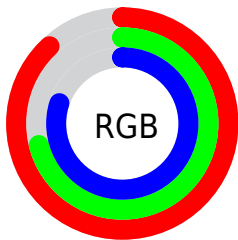
Format	Color
R _Y B	225, 181, 204
Decimal	14792140
CIE Lab	78.12, 19.59, -5.58
CIE LCh	78, 20.366, 344.105
Yxy	53.4130, 0.3318, 0.3030
Android (android.graphics.Color)	4292982220 (0xFFE1B5CC)
YUV	196.7780, 3.5604, 24.7507
Hunter-Lab	73.0842, 14.9378, -1.0562

Details

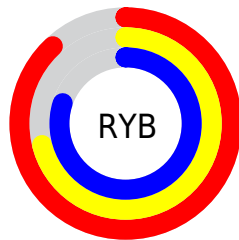
The YIQ color **196.7780, 18.8410, 16.4810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209.2220, -18.8410, -16.4810**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **142.7670, 17.3740, 15.5340** is the 20% darker color. If you saturate the color by 10%, you get **182.0230, 28.6970, 25.0890**, and if you desaturate by 10%, it is **210.9460, 9.2600, 8.3960**.

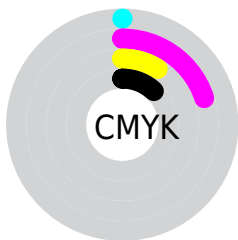
Distribution



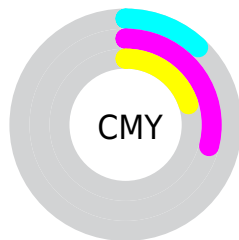
- Red (88%)
- Green (71%)
- Blue (80%)



- Red (88%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.7780, 18.8410, 16.4810 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 196.7780, 18.8410, 16.4810 by changing the saturation by 10% instead.


 196.7780, 18.8410,
16.4810


 196.7780, 18.8410,
16.4810


255.0000, -0.0000,
-0.0000


 169.4790, 18.2450,
16.2690


 244.4340, 4.9500,
9.4140

 142.7670, 17.3740,
15.5340

 117.3540, 17.0990,
15.0110

 92.0550, 16.5030,
14.7990

 68.3430, 15.6320,
14.0640

 45.4460, 13.8440,
13.4280

 23.7340, 12.9730,

12.6930

■ 7.2620, 11.1860,
6.5300

■ 0.0000, 0.0000,
0.0000

■ 196.7780, 18.8410,
16.4810

■ 196.7780, 18.8410,
16.4810

■ 182.0230, 28.6970,
25.0890

■ 210.9460, 9.2600,
8.3960

■ 167.9690, 37.9570,
33.4850

■ 225.5870, -0.2750,
-0.5230

■ 153.2140, 47.8130,
42.0930

■ 239.7550, -9.8560,
-8.6080

■ 139.0460, 57.3940,
50.1780

■ 245.1180,
-15.3120, -8.8480

■ 124.2910, 67.2500,
58.7860

■ 246.0300,
-17.8800, -6.3600

■ 110.2370, 76.5100,
67.1820

■ 95.4820, 86.3660,
75.7900

■ 81.3140, 95.9470,
83.8750

■ 80.7270, 96.2220,
84.3980

Harmonies

Analogous

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



195.5680, 1.8770, 15.5490



196.7780, 18.8410, 16.4810



196.4170, 29.9830, 12.7910

Triad

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



196.7780, 18.8410, 16.4810



191.7500, 14.9030, -11.2810



186.5960, -40.0250, -7.0090

Complementary

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



196.7780, 18.8410, 16.4810



209.2220, -18.8410, -16.4810

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.



185.8320, -35.1180, -13.3420



196.7780, 18.8410, 16.4810



189.2470, -2.7940, -15.4500

Square

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



196.7780, 18.8410, 16.4810



193.1370, 27.2350, -3.4930



186.8520, -20.6750, -16.2830



189.8730, -33.1950, 1.3730

Rectangle

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



196.7780, 18.8410, 16.4810



195.9240, 32.6890, 7.8010



186.8520, -20.6750, -16.2830



186.0150, -39.8870, -9.5110

Sweetspot

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



196.7780, 18.8410, 16.4810



245.3970, 6.3720, 5.6680



192.2950, -1.6080, 18.1360



122.1470, 4.0800, 3.1520



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.



196.7780, 18.8410, 16.4810



217.1750, 25.2130, 22.1490



194.2700, 25.9030, 9.6390



104.9730, 4.6300, 4.1980



63.1120, 75.3640, 65.9240



17.2020, 20.5830, 17.9510

Inverse Universe

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



196.7780, 18.8410, 16.4810



217.1750, 25.2130, 22.1490



211.7300, -25.9030, -9.6390



104.9730, 4.6300, 4.1980



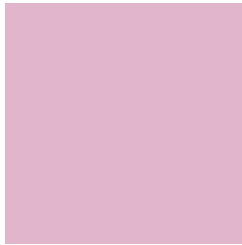
63.1120, 75.3640, 65.9240



17.2020, 20.5830, 17.9510

Previews

White Background



This preview shows how the YIQ color 196.7780, 18.8410, 16.4810 looks on a white background.

Color Contrast Check

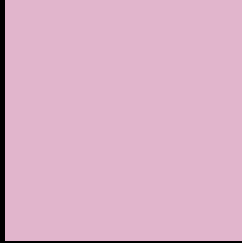
Large Text (above 18pt) WCAG AA × Fail

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 196.7780, 18.8410, 16.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

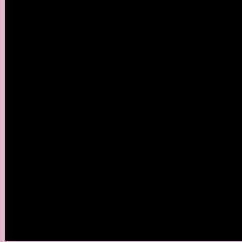
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.7780, 18.8410, 16.4810

Background



This preview shows how black text looks on a background with the YIQ color 196.7780, 18.8410, 16.4810.



This preview shows how white text looks on a background with the YIQ color 196.7780, 18.8410,

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

196.7780, 18.8410, 16.4810

Protanopia

194.1660, -6.0990, 5.9090

Deuteranopia

195.6900, 7.1050, 8.9050



Tritanopia

196.1540, 20.5380, 13.2580

Trichromacy



Original Color

196.7780, 18.8410, 16.4810

Protanomaly

195.0640, 3.1160, 9.6120

Deuteranomaly

195.7230, 11.5060, 11.7460

Tritanomaly

196.4960, 19.5750, 14.1910

Monochromacy



Original Color

196.7780, 18.8410, 16.4810

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8100, 6.6470, 6.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7780, 18.8410, 16.4810 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, 181, 204)` looks like.

```
.text, #text, p{  
    color:rgb(225, 181, 204)  
}
```

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, 181, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 181, 204) }
```

Border

The CSS property to change the border of an element to YIQ 196.7780, 18.8410, 16.4810 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, 181, 204) }
```


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

```
.border{ border-color:rgb(225, 181, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 181, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 181, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 181, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 181,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7780, 18.8410, 16.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 181, 204) }
```

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

```
.background{ background-color: rgb(225,  
181, 204) }
```

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