

Converting Colors

YIQ(157.8810, 25.0800, -2.9840)

Have a look what the booklet for
YIQ(157.8810, 25.0800, -2.9840)
contains.

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Color

**YIQ(157.8810, 25.0800,
-2.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	B4997D
RGB	180, 153, 125
RGB Percent	71%, 60%, 49%
CMY	0.2941, 0.4000, 0.5097
CMYK	0.00, 0.15, 0.31, 0.29
HSL	31°, 27%, 60%
HSV	31°, 31%, 71%
XYZ	33.9182, 33.9649, 24.1806
YIQ	157.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

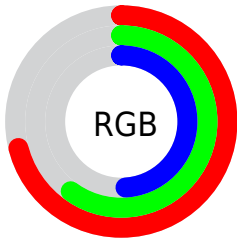
Format	Color
RYB	178, 180, 125
Decimal	11835773
CIELab	64.93, 5.79, 18.43
CIElCh	65, 19.317, 72.544
Yxy	33.9649, 0.3684, 0.3689
Android (android.graphics.Color)	4290025853 (0xFFB4997D)
YUV	157.8810, -16.2103, 19.3984
Hunter-Lab	58.2794, 1.8966, 16.1957

Details

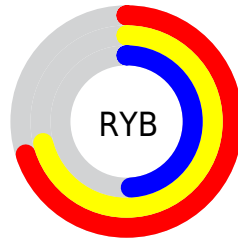
The YIQ color $157.8810, 25.0800, -2.9840$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $147.1190, -25.0800, 2.9840$, and the grayscale version is $158.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $212.6640, 27.1890, -2.6590$, and $106.2120, 22.6500, -2.9980$ is the 20% darker color. If you saturate the color by 10%, you get $150.5460, 33.3330, -3.8750$, and if you desaturate by 10%, it is $165.2160, 16.8270, -2.0930$.

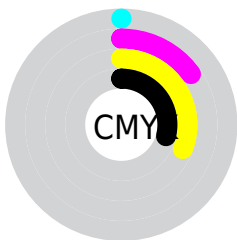
Distribution



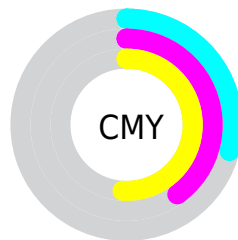
- Red (71%)
- Green (60%)
- Blue (49%)



- Red (70%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.8810, 25.0800, -2.9840 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 157.8810, 25.0800, -2.9840 by changing the saturation by 10% instead.


 157.8810, 25.0800,
-2.9840


 157.8810, 25.0800,
-2.9840


255.0000, -0.0000,
-0.0000


 131.6960, 24.1630,
-2.8850


 212.6640, 27.1890,
-2.6590


 106.2120, 22.6500,
-2.9980


 237.5600, 21.5500,
-5.0900

 82.0270, 21.7330,
-2.8990

 252.6060, 6.7410,
-6.5310

 58.5430, 20.2200,
-3.0120

 36.5320, 18.7530,
-3.9590

 16.0140, 14.5800,
0.0840

 0.0000, 0.0000,

0.0000

■ 157.8810, 25.0800,
-2.9840

■ 157.8810, 25.0800,
-2.9840

■ 150.5460, 33.3330,
-3.8750

■ 165.2160, 16.8270,
-2.0930

■ 143.2110, 41.5860,
-4.7660

■ 172.5510, 8.5740,
-1.2020

■ 135.8760, 49.8390,
-5.6570

■ 179.8860, 0.3210,
-0.3110

■ 129.1280, 57.8170,
-7.0710

■ 186.6340, -7.6570,
1.1030

■ 121.7930, 66.0700,
-7.9620

■ 193.9690,
-15.9100, 1.9940

■ 114.4580, 74.3230,
-8.8530

■ 201.3040,
-24.1630, 2.8850

■ 107.8240, 81.9800,
-9.9560

■ 208.6390,
-32.4160, 3.7760

■ 214.3780,
-36.1750, 0.3130

■ 219.6610,
-38.6500, -4.3940

Harmonies

Analogous

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



159.3750, 29.8010, 5.0730



157.8810, 25.0800, -2.9840



156.2060, 13.6190, -10.0370

Triad

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



157.8810, 25.0800, -2.9840



150.8000, -32.0920, -13.1160



160.0300, 0.4560, 13.7680

Complementary

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



157.8810, 25.0800, -2.9840



147.1190, -25.0800, 2.9840

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.



157.8860, -16.8740, 8.4540



157.8810, 25.0800, -2.9840



151.1510, -37.2740, -7.3060

Square

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



157.8810, 25.0800, -2.9840



152.1620, -18.6120, -15.1240



154.1290, -31.0400, 0.8640



160.4680, 16.7780, 15.3220

Rectangle

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



157.8810, 25.0800, -2.9840



154.5360, 3.7620, -13.1180



154.1290, -31.0400, 0.8640



159.5670, -5.5500, 12.4820

Sweetspot

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



157.8810, 25.0800, -2.9840



226.0350, 10.0870, -1.0890



144.6370, 23.7920, 20.3680



111.9960, 5.8230, -0.9050



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.8810, 25.0800, -2.9840



199.8410, 39.7520, -4.5680



173.7300, 17.6550, -17.1050



85.6260, 3.9890, -0.7070



91.5330, 69.7380, -8.3580



15.4050, 11.9210, -1.2870

Inverse Universe

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



147.1190, -25.0800, 2.9840



182.5720, -39.4770, 5.0910



131.2700, -17.6550, 17.1050



83.9610, -4.2640, 0.1840



61.4670, -69.7380, 8.3580



10.5950, -11.9210, 1.2870

Previews

White Background



This preview shows how the YIQ color 157.8810, 25.0800, -2.9840 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 157.8810, 25.0800, -2.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

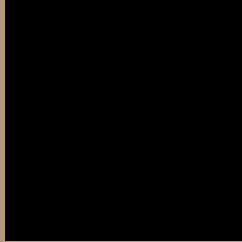
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.8810, 25.0800, -2.9840

Background



This preview shows how black text looks on a background with the YIQ color 157.8810, 25.0800, -2.9840.



This preview shows how white text looks on a background with the YIQ color 157.8810, 25.0800,

-2.9840.

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

157.8810, 25.0800, -2.9840

Protanopia

156.5700, 15.5900, -7.2100

Deuteranopia

157.9030, 28.0140, -1.0900



Tritanopia

160.1320, 17.6040, 11.3640

Trichromacy



Original Color

157.8810, 25.0800, -2.9840

Protanomaly

157.3640, 19.1660, -5.9380

Deuteranomaly

158.1910, 27.1430, -1.8250

Tritanomaly

159.5250, 20.6310, 6.0630

Monochromacy



Original Color

157.8810, 25.0800, -2.9840

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.8810, 25.0800, -2.9840 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(180, 153, 125)` looks like.

```
.text, #text, p{  
    color:rgb(180, 153, 125)  
}
```

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(180, 153, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 153, 125) }
```

Border

The CSS property to change the border of an element to YIQ 157.8810, 25.0800, -2.9840 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(180, 153, 125) }
```


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

```
.border{ border-color:rgb(180, 153, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 153, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 153, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 153, 125);  
box-shadow:4px 4px 4px 4px rgb(180, 153,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 157.8810, 25.0800, -2.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 153, 125) }
```

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

```
.background{ background-color: rgb(180,  
153, 125) }
```

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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