

Converting Colors

YIQ(117.8810, 25.0800, -2.9840)

Have a look what the booklet for
YIQ(117.8810, 25.0800, -2.9840)
contains.

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Color

**YIQ(117.8810, 25.0800,
-2.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7155
RGB	140, 113, 85
RGB Percent	55%, 44%, 33%
CMY	0.4509, 0.5569, 0.6665
CMYK	0.00, 0.19, 0.39, 0.45
HSL	31°, 24%, 44%
HSV	31°, 39%, 55%
XYZ	18.3620, 18.0406, 11.1152
YIQ	117.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

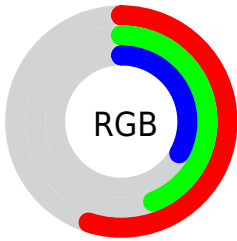
Format	Color
R_{YB}	138, 140, 85
Decimal	9204053
CIE _{Lab}	49.55, 6.52, 19.54
CIE _{LCh}	50, 20.597, 71.541
Yxy	18.0406, 0.3864, 0.3797
Android (android.graphics.Color)	4287394133 (0xFF8C7155)
YUV	117.8810, -16.2103, 19.3984
Hunter-Lab	42.4742, 2.8375, 14.2162

Details

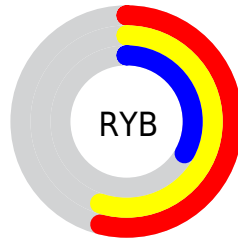
The YIQ color **117.8810, 25.0800, -2.9840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.1190, -25.0800, 2.9840**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.5500, 27.5100, -2.9700**, and **68.9130, 22.0540, -3.2100** is the 20% darker color. If you saturate the color by 10%, you get **112.1760, 31.4990, -3.6770**, and if you desaturate by 10%, it is **123.5860, 18.6610, -2.2910**.

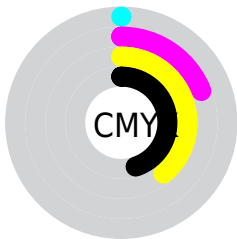
Distribution



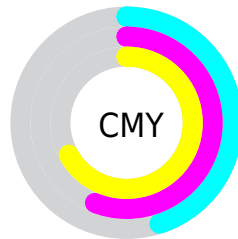
- Red (55%)
- Green (44%)
- Blue (33%)



- Red (54%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8810, 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 117.8810, 25.0800, -2.9840 by changing the saturation by 10% instead.

■ 117.8810, 25.0800,
-2.9840

■ 117.8810, 25.0800,
-2.9840

■ 255.0000, -0.0000,
-0.0000

■ 93.3970, 23.5670,
-3.0970

■ 170.5500, 27.5100,
-2.9700

■ 68.9130, 22.0540,
-3.2100

■ 197.7350, 28.4270,
-3.0690

■ 46.5430, 20.2200,
-3.0120

■ 225.9200, 29.3440,
-3.1680

■ 26.0590, 18.7070,
-3.1250

■ 246.4450, 14.4440,
-8.4680

■ 3.5880, 7.1520,
2.5440

■ 253.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 117.8810, 25.0800,
-2.9840

■ 117.8810, 25.0800,
-2.9840

■ 112.1760, 31.4990,
-3.6770

■ 123.5860, 18.6610,
-2.2910

■ 106.4710, 37.9180,
-4.3700

■ 129.2910, 12.2420,
-1.5980

■ 100.7660, 44.3370,
-5.0630

■ 134.9960, 5.8230,
-0.9050

■ 95.0610, 50.7560,
-5.7560

■ 140.7010, -0.5960,
-0.2120

■ 89.9430, 56.9000,
-6.9720

■ 145.8190, -6.7400,
1.0040

■ 84.2380, 63.3190,
-7.6650

■ 151.5240,
-13.1590, 1.6970

■ 83.5370, 63.9150,
-7.4530

■ 157.2290,
-19.5780, 2.3900

■ 162.9340,

-25.9970, 3.0830

■ 168.6390,
-32.4160, 3.7760

Harmonies

Analogous

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



119.3750, 29.8010, 5.0730



117.8810, 25.0800, -2.9840



116.3910, 14.5360, -10.1360

Triad

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



117.8810, 25.0800, -2.9840



109.6040, -34.4760, -13.9640



120.1440, 0.1350, 14.0790

Complementary

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



117.8810, 25.0800, -2.9840



107.1190, -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.



117.4020, -18.3870, 8.3410



117.8810, 25.0800, -2.9840



109.6560, -40.2540, -8.3660

Square

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



117.8810, 25.0800, -2.9840



111.7490, -18.8870, -15.6470



113.5200, -33.6990, -0.5070



120.5820, 16.4570, 15.6330

Rectangle

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



117.8810, 25.0800, -2.9840



114.8350, 4.3580, -12.9060



113.5200, -33.6990, -0.5070



119.6810, -5.8710, 12.7930

Sweetspot

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



117.8810, 25.0800, -2.9840



172.0350, 10.0870, -1.0890



104.6370, 23.7920, 20.3680



86.4090, 6.0980, -0.3820



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



117.8810, 25.0800, -2.9840



146.6560, 38.8350, -4.4690



133.7300, 17.6550, -17.1050



65.8540, 3.3470, -0.0850



79.0960, 60.8430, -6.8450



3.2560, 2.1550, -0.5090

Inverse Universe

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



107.1190, -25.0800, 2.9840



130.3440, -38.8350, 4.4690



91.2700, -17.6550, 17.1050



64.5590, -3.0720, 0.6080



53.3170, -60.5680, 7.3680



2.3310, -2.4300, -0.0140

Previews

White Background



This preview shows how the YIQ color 117.8810, 25.0800, -2.9840 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 117.8810, 25.0800, -2.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

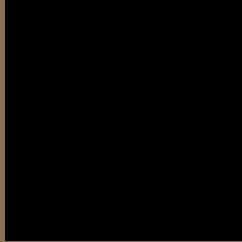
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.8810, 25.0800, -2.9840

Background



This preview shows how black text looks on a background with the YIQ color 117.8810, 25.0800, -2.9840.



This preview shows how white text looks on a background with the YIQ color 117.8810, 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

117.8810, 25.0800, -2.9840

Protanopia

117.1570, 15.3150, -7.7330

Deuteranopia

117.8810, 25.0800, -2.9840



Tritanopia

120.0780, 17.6960, 9.6960

Trichromacy



Original Color

117.8810, 25.0800, -2.9840

Protanomaly

117.3640, 19.1660, -5.9380

Deuteranomaly

117.8810, 25.0800, -2.9840

Tritanomaly

118.9980, 20.6770, 5.2290

Monochromacy



Original Color

117.8810, 25.0800, -2.9840

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8810, 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(140, 113, 85)` looks like.

```
.text, #text, p{  
    color:rgb(140, 113, 85)  
}
```

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(140, 113, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 113, 85) }
```

Border

The CSS property to change the border of an element to YIQ 117.8810, 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(140, 113, 85) }
```


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

```
.border{ border-color:rgb(140, 113, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 113, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 113, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 113, 85);  
box-shadow:4px 4px 4px 4px rgb(140, 113,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8810, 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(140, 113, 85) }
```

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

```
.background{ background-color: rgb(140,  
113, 85) }
```

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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