

Converting Colors

YIQ(94.8800, 26.8210, 4.0130)

Have a look what the booklet for
YIQ(94.8800, 26.8210, 4.0130)
contains.

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Color

**YIQ(94.8800, 26.8210,
4.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5548
RGB	123, 85, 72
RGB Percent	48%, 33%, 28%
CMY	0.5176, 0.6667, 0.7175
CMYK	0.00, 0.31, 0.41, 0.52
HSL	15°, 26%, 38%
HSV	15°, 41%, 48%
XYZ	12.5893, 11.1752, 7.6295
YIQ	94.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

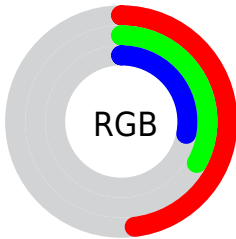
Format	Color
RYB	123, 89, 72
Decimal	8082760
CIELab	39.87, 14.04, 13.88
CIElCh	40, 19.741, 44.681
Yxy	11.1752, 0.4010, 0.3560
Android (android.graphics.Color)	4286272840 (0xFF7B5548)
YUV	94.8800, -11.2798, 24.6612
Hunter-Lab	33.4294, 8.7205, 9.8690

Details

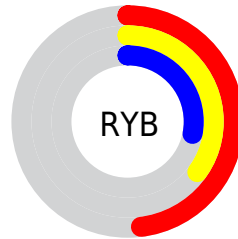
The YIQ color **94.8800, 26.8210, 4.0130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100.1200, -26.8210, -4.0130**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.9620, 29.5260, 4.5500**, and **48.2000, 22.9240, 3.0520** is the 20% darker color. If you saturate the color by 10%, you get **88.2290, 33.1480, 4.9880**, and if you desaturate by 10%, it is **101.5310, 20.4940, 3.0380**.

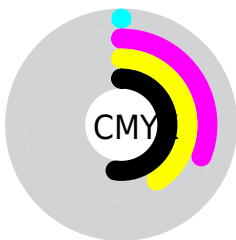
Distribution



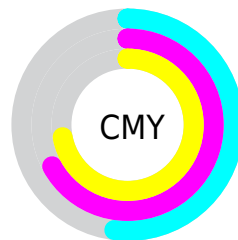
- Red (48%)
- Green (33%)
- Blue (28%)



- Red (48%)
- Yellow (35%)
- Blue (28%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8800, 26.8210, 4.0130 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 94.8800, 26.8210, 4.0130 by changing the saturation by 10% instead.

■ 94.8800, 26.8210, 4.0130 ■ 94.8800, 26.8210, 4.0130

255.0000, -0.0000, -0.0000 ■ 70.9830, 25.0330, 3.3770

■ 145.9620, 29.5260, 4.5500 ■ 48.2000, 22.9240, 3.0520

■ 172.4460, 31.0390, 4.6630 ■ 26.1460, 23.0160, 1.3840

■ 199.7450, 31.6350, 4.8750 ■ 8.1870, 15.7710, 6.0350

■ 225.8370, 28.3800, 3.2920 ■ 0.0000, 0.0000, 0.0000

■ 245.4650, 11.6920, -2.6440

■ 94.8800, 26.8210,
4.0130

■ 94.8800, 26.8210,
4.0130

■ 88.2290, 33.1480,
4.9880

■ 101.5310, 20.4940,
3.0380

■ 81.4640, 39.7960,
5.6520

■ 108.2960, 13.8460,
2.3740

■ 74.2260, 46.3980,
7.1500

■ 115.5340, 7.2440,
0.8760

■ 67.5750, 52.7250,
8.1250

■ 122.1850, 0.9170,
-0.0990

■ 60.9240, 59.0520,
9.1000

■ 128.9500, -5.7310,
-0.7630

■ 54.9740, 64.7830,
9.8630

■ 135.6010,
-12.0580, -1.7380

■ 142.2520,
-18.3850, -2.7130

■ 148.9030,

-24.7120, -3.6880

■ 156.2550,
-31.6350, -4.8750

Harmonies

Analogous

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



95.7260, 24.6190, 10.8830



94.8800, 26.8210, 4.0130



93.7990, 22.3750, -3.5210

Triad

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



94.8800, 26.8210, 4.0130



87.5040, -19.5750, -14.1910



94.2560, -15.0400, 8.2560

Complementary

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



94.8800, 26.8210, 4.0130



100.1200, -26.8210, -4.0130

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.



90.0150, -30.7190, 0.5530



94.8800, 26.8210, 4.0130



85.5440, -34.2470, -12.6070

Square

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



94.8800, 26.8210, 4.0130



90.4150, -3.2070, -13.4710



85.6670, -38.7870, -7.4190



96.1010, 1.6940, 13.3580

Rectangle

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



94.8800, 26.8210, 4.0130



93.0430, 15.6360, -8.0440



85.6670, -38.7870, -7.4190



93.1520, -20.6790, 5.8250

Sweetspot

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



94.8800, 26.8210, 4.0130



149.9150, 10.5450, 1.6250



91.5810, 18.1980, 22.6300



75.3490, 6.3270, 0.9750



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



94.8800, 26.8210, 4.0130



116.5460, 42.5010, 6.1890



109.5550, 19.9460, -9.0620



57.9680, 3.0260, 0.2260



56.1590, 65.7000, 9.7640



112.9160, 132.5920, 19.9520

Inverse Universe

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



100.1200, -26.8210, -4.0130



124.4540, -42.5010, -6.1890



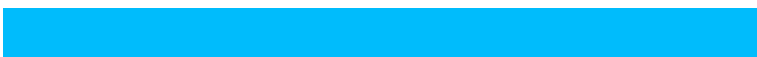
85.4450, -19.9460, 9.0620



58.6190, -3.3010, -0.7490



68.8410, -65.7000, -9.7640



139.0840, -132.5920, -19.9520

Previews

White Background



This preview shows how the YIQ color 94.8800, 26.8210, 4.0130 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 94.8800, 26.8210, 4.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

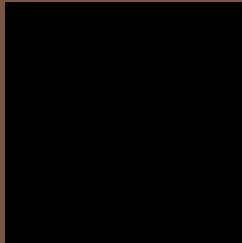
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.8800, 26.8210, 4.0130

Background



This preview shows how black text looks on a background with the YIQ color 94.8800, 26.8210, 4.0130.

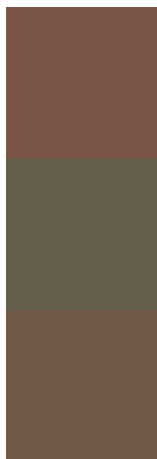


This preview shows how white text looks on a background with the YIQ color 94.8800, 26.8210,

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

94.8800, 26.8210, 4.0130

Protanopia

93.7420, 9.3540, -4.3260

Deuteranopia

94.1130, 18.6150, -1.4570



Tritanopia

96.2420, 23.1060, 10.7700

Trichromacy



Original Color

94.8800, 26.8210, 4.0130

Protanomaly

94.2590, 15.2680, -1.3720

Deuteranomaly

94.1350, 21.5490, 0.4370

Tritanomaly

95.8460, 24.1610, 8.1690

Monochromacy



Original Color

94.8800, 26.8210, 4.0130

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8800, 26.8210, 4.0130 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(123, 85, 72)` looks like.

```
.text, #text, p{  
    color:rgb(123, 85, 72)  
}
```

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(123, 85, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 85, 72) }
```

Border

The CSS property to change the border of an element to YIQ 94.8800, 26.8210, 4.0130 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(123, 85, 72) }
```


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

```
.border{ border-color:rgb(123, 85, 72) }
```

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

Here you see how a box with a 4 pixel rgb(123, 85, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 85, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 85, 72);  
box-shadow:4px 4px 4px 4px rgb(123, 85,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8800, 26.8210, 4.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 85, 72) }
```

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

```
.background{ background-color: rgb(123, 85,  
72) }
```

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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