

Converting Colors

YIQ(98.5310, 20.4940, 3.0380)

Have a look what the booklet for
YIQ(98.5310, 20.4940, 3.0380)
contains.

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Color

**YIQ(98.5310, 20.4940,
3.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	785B51
RGB	120, 91, 81
RGB Percent	47%, 36%, 32%
CMY	0.5293, 0.6432, 0.6823
CMYK	0.00, 0.24, 0.32, 0.53
HSL	15°, 19%, 39%
HSV	15°, 32%, 47%
XYZ	12.9740, 12.0687, 9.4347
YIQ	98.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

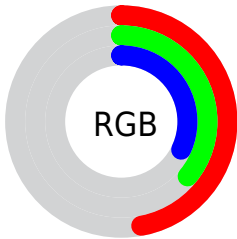
Format	Color
R_{YB}	120, 94, 81
Decimal	7887697
CIE Lab	41.33, 10.35, 10.33
CIE LCh	41, 14.628, 44.949
Yxy	12.0687, 0.3763, 0.3500
Android (android.graphics.Color)	4286077777 (0xFF785B51)
YUV	98.5310, -8.6428, 18.8283
Hunter-Lab	34.7401, 5.8676, 8.2160

Details

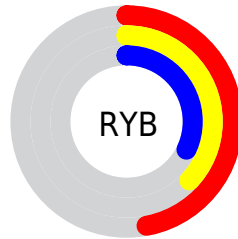
The YIQ color **98.5310, 20.4940, 3.0380** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102.4690, -20.4940, -3.0380**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3140, 22.6030, 3.3630**, and **51.4490, 17.7890, 2.5010** is the 20% darker color. If you saturate the color by 10%, you get **91.8800, 26.8210, 4.0130**, and if you desaturate by 10%, it is **105.1820, 14.1670, 2.0630**.

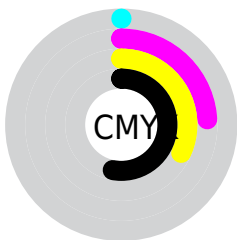
Distribution



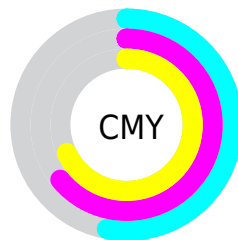
- Red (47%)
- Green (36%)
- Blue (32%)



- Red (47%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (24%)
- Yellow (32%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.5310, 20.4940, 3.0380 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 98.5310, 20.4940, 3.0380 by changing the saturation by 10% instead.

■ 98.5310, 20.4940,
3.0380

■ 98.5310, 20.4940,
3.0380

■ 255.0000, -0.0000,
-0.0000

■ 74.3460, 19.5770,
3.1370

■ 149.3140, 22.6030,
3.3630

■ 51.4490, 17.7890,
2.5010

■ 176.4990, 23.5200,
3.2640

■ 29.9650, 16.2760,
2.3880

■ 203.7980, 24.1160,
3.4760

■ 7.7740, 15.4960,
5.5120

■ 231.2000, 22.9240,
3.0520

■ 0.0000, 0.0000,
0.0000

■ 250.8280, 6.2360,
-2.8840

■ 98.5310, 20.4940,
3.0380

■ 98.5310, 20.4940,
3.0380

■ 91.8800, 26.8210,
4.0130

■ 105.1820, 14.1670,
2.0630

■ 85.2290, 33.1480,
4.9880

■ 111.8330, 7.8400,
1.0880

■ 78.5780, 39.4750,
5.9630

■ 118.4840, 1.5130,
0.1130

■ 71.9270, 45.8020,
6.9380

■ 125.1350, -4.8140,
-0.8620

■ 65.2760, 52.1290,
7.9130

■ 131.7860,
-11.1410, -1.8370

■ 58.6250, 58.4560,
8.8880

■ 138.4370,
-17.4680, -2.8120

■ 54.0770, 62.9950,
9.2270

■ 145.0880,
-23.7950, -3.7870

■ 151.1520,

-29.8470, -4.2390

■ 157.8030,
-36.1740, -5.2140

Harmonies

Analogous

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



99.2090, 18.7050, 7.9290



98.5310, 20.4940, 3.0380



97.8030, 16.5520, -2.6160

Triad

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



98.5310, 20.4940, 3.0380



93.5480, -13.7070, -10.4030



97.2410, -10.6840, 6.4040

Complementary

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



98.5310, 20.4940, 3.0380



102.4690, -20.4940, -3.0380

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.



95.1040, -20.7240, 1.1320



98.5310, 20.4940, 3.0380



92.2250, -22.9230, -8.5790

Square

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



98.5310, 20.4940, 3.0380



95.0070, -1.8780, -10.0220



92.8920, -26.1790, -4.6350



99.1070, 1.5570, 10.3330

Rectangle

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



98.5310, 20.4940, 3.0380



96.7700, 12.1510, -5.4570



92.8920, -26.1790, -4.6350



97.0340, -14.5350, 4.6090

Sweetspot

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



98.5310, 20.4940, 3.0380



147.1320, 8.4360, 1.3000



95.9670, 13.9350, 17.2870



73.8650, 4.8140, 0.8620



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



98.5310, 20.4940, 3.0380



122.0440, 32.2310, 5.0870



109.6840, 15.2690, -6.8990



57.9680, 3.0260, 0.2260



56.1590, 65.7000, 9.7640



113.5030, 132.3170, 19.4290

Inverse Universe

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



102.4690, -20.4940, -3.0380



128.3690, -31.9560, -4.5640



91.3160, -15.2690, 6.8990



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 98.5310, 20.4940, 3.0380 looks on a white background.

Color Contrast Check

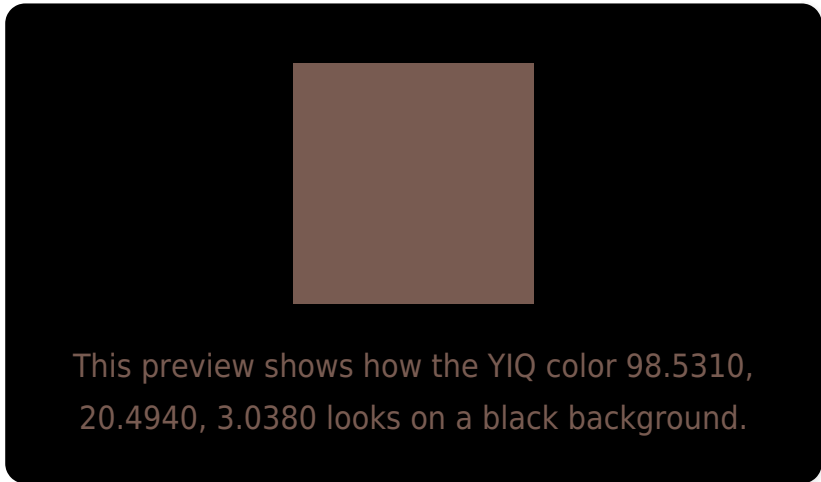
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

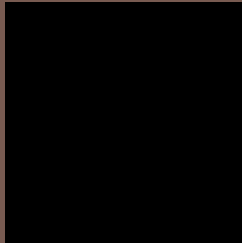
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.5310, 20.4940, 3.0380

Background



This preview shows how black text looks on a background with the YIQ color 98.5310, 20.4940, 3.0380.



This preview shows how white text looks on a background with the YIQ color 98.5310, 20.4940,

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

98.5310, 20.4940, 3.0380

Protanopia

97.3120, 7.7490, -2.7710

Deuteranopia

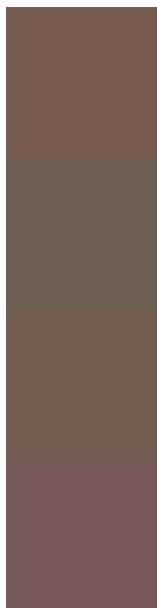
98.0850, 15.8180, -0.3260



Tritanopia

99.6650, 17.4210, 9.1730

Trichromacy



Original Color

98.5310, 20.4940, 3.0380

Protanomaly

97.8180, 12.1960, -0.7640

Deuteranomaly

98.3950, 17.8810, 0.8330

Tritanomaly

99.3830, 18.1550, 6.8830

Monochromacy



Original Color

98.5310, 20.4940, 3.0380

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5310, 20.4940, 3.0380 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(120, 91, 81)` looks like.

```
.text, #text, p{  
    color:rgb(120, 91, 81)  
}
```

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(120, 91, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 91, 81) }
```

Border

The CSS property to change the border of an element to YIQ 98.5310, 20.4940, 3.0380 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(120, 91, 81) }
```


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

```
.border{ border-color:rgb(120, 91, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 91, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 91, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 91, 81);  
box-shadow:4px 4px 4px 4px rgb(120, 91,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 98.5310, 20.4940, 3.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 91, 81) }
```

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

```
.background{ background-color: rgb(120, 91,  
81) }
```

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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