

Converting Colors

YIQ(94.1970, 18.9790, 13.9790)

Have a look what the booklet for
YIQ(94.1970, 18.9790, 13.9790)
contains.

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Color

**YIQ(94.1970, 18.9790,
13.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	795061
RGB	121, 80, 97
RGB Percent	47%, 31%, 38%
CMY	0.5254, 0.6863, 0.6195
CMYK	0.00, 0.34, 0.20, 0.53
HSL	335°, 20%, 39%
HSV	335°, 34%, 47%
XYZ	12.9148, 10.6651, 12.6910
YIQ	94.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

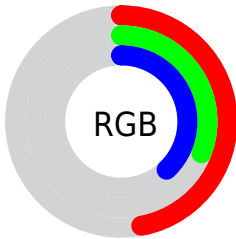
Format	Color
R_{YB}	121, 80, 97
Decimal	7950433
CIE _{Lab}	39.01, 19.94, -2.85
CIE _{LCh}	39, 20.139, 351.865
Yxy	10.6651, 0.3561, 0.2940
Android (android.graphics.Color)	4286140513 (0xFF795061)
YUV	94.1970, 1.3819, 23.5062
Hunter-Lab	32.6575, 13.4396, -0.1805

Details

The YIQ color **94.1970, 18.9790, 13.9790** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.8030, -18.9790, -13.9790**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2080, 20.4460, 14.9260**, and **47.0010, 16.5950, 13.1310** is the 20% darker color. If you saturate the color by 10%, you get **86.3550, 24.5260, 18.0780**, and if you desaturate by 10%, it is **102.0390, 13.4320, 9.8800**.

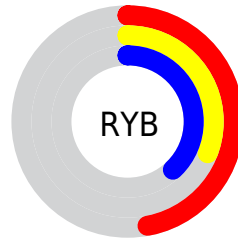
Distribution



Red (47%)

Green (31%)

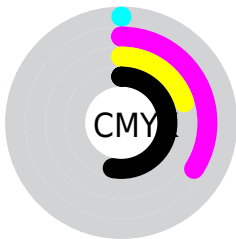
Blue (38%)



Red (47%)

Yellow (31%)

Blue (38%)

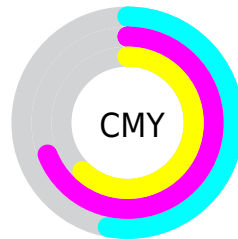


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (53%)



Cyan (53%)

Magenta (69%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.1970, 18.9790, 13.9790 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 94.1970, 18.9790, 13.9790 by changing the saturation by 10% instead.

■ 94.1970, 18.9790,
13.9790

■ 94.1970, 18.9790,
13.9790

■ 255.0000, -0.0000,
-0.0000

■ 70.4850, 18.1080,
13.2440

■ 145.2080, 20.4460,
14.9260

■ 47.0010, 16.5950,
13.1310

■ 171.8060, 21.6380,
15.3500

■ 25.4030, 15.4030,
12.7070

■ 199.2190, 21.9130,
15.8730

■ 9.0130, 16.3210,
7.0810

■ 226.3220, 20.1250,
15.2370

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.4000,
8.3680

■ 94.1970, 18.9790,
13.9790

■ 94.1970, 18.9790,
13.9790

■ 86.3550, 24.5260,
18.0780

■ 102.0390, 13.4320,
9.8800

■ 78.5130, 30.0730,
22.1770

■ 109.8810, 7.8850,
5.7810

■ 70.6710, 35.6200,
26.2760

■ 117.7230, 2.3380,
1.6820

■ 62.8290, 41.1670,
30.3750

■ 125.5650, -3.2090,
-2.4170

■ 54.4000, 46.9890,
34.9970

■ 133.4070, -8.7560,
-6.5160

■ 46.5580, 52.5360,
39.0960


■ 141.9500,
-14.8990, -10.8270

■ 41.8790, 56.0660,
41.2020

■ 149.7920,
-20.4460, -14.9260

■ 157.6340,

-25.9930, -19.0250

 165.4760,
-31.5400, -23.1240

Harmonies

Analogous

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



94.3680, 5.3160, 13.7960



94.1970, 18.9790, 13.9790



93.1560, 26.2240, 9.3280

Triad

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



94.1970, 18.9790, 13.9790



89.9280, 8.5300, -11.4220



84.0090, -39.7500, -6.4860

Complementary

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



94.1970, 18.9790, 13.9790



106.8030, -18.9790, -13.9790

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.



82.6900, -37.5940, -12.5220



94.1970, 18.9790, 13.9790



87.1480, -6.8290, -13.9090

Square

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



94.1970, 18.9790, 13.9790



91.0760, 20.0370, -5.2030



85.0520, -24.1140, -14.5300



88.7380, -28.3810, 2.2350

Rectangle

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



94.1970, 18.9790, 13.9790



92.7060, 27.3710, 5.0590



85.0520, -24.1140, -14.5300



83.2430, -40.5290, -8.8890

Sweetspot

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



94.1970, 18.9790, 13.9790



147.5820, 7.2890, 5.5690



91.8500, 1.1430, 17.8390



73.1470, 4.0800, 3.1520



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.



94.1970, 18.9790, 13.9790



115.5130, 30.0730, 22.1770



94.0200, 23.6110, 7.1230



57.1360, 2.6130, 2.2050



43.3030, 57.8080, 42.6720



87.3180, 116.4870, 86.0790

Inverse Universe

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



94.1970, 18.9790, 13.9790



115.5130, 30.0730, 22.1770



106.9800, -23.6110, -7.1230



57.1360, 2.6130, 2.2050



43.3030, 57.8080, 42.6720



87.3180, 116.4870, 86.0790

Previews

White Background



This preview shows how the YIQ color 94.1970, 18.9790, 13.9790 looks on a white background.

Color Contrast Check

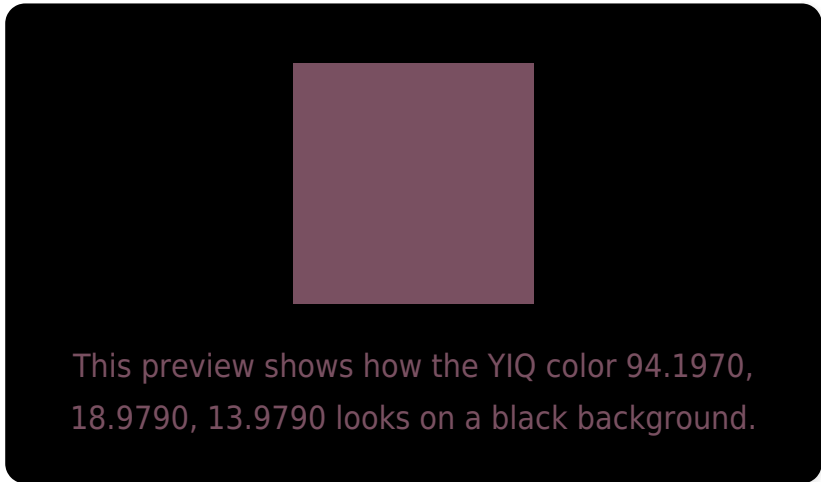
Large Text (above 18pt) WCAG AA ✓ Pass

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

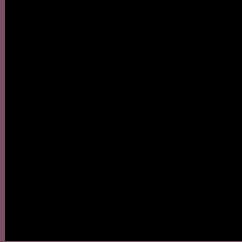
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.1970, 18.9790, 13.9790

Background



This preview shows how black text looks on a background with the YIQ color 94.1970, 18.9790, 13.9790.

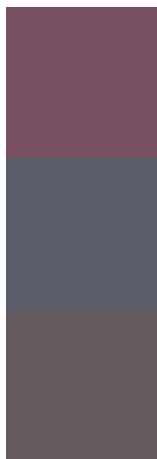


This preview shows how white text looks on a background with the YIQ color 94.1970, 18.9790,

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

94.1970, 18.9790, 13.9790

Protanopia

92.7700, -5.0440, 3.3080

Deuteranopia

92.9730, 4.6300, 4.1980



Tritanopia

94.0460, 20.7220, 9.9220

Trichromacy



Original Color

94.1970, 18.9790, 13.9790

Protanomaly

93.3690, 3.5750, 6.7990

Deuteranomaly

93.7180, 9.9020, 7.7740

Tritanomaly

93.8010, 20.0340, 11.3780

Monochromacy



Original Color

94.1970, 18.9790, 13.9790

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.1970, 18.9790, 13.9790 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(121, 80, 97)` looks like.

```
.text, #text, p{  
    color:rgb(121, 80, 97)  
}
```

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(121, 80, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 80, 97) }
```

Border

The CSS property to change the border of an element to YIQ 94.1970, 18.9790, 13.9790 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(121, 80, 97) }
```


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

```
.border{ border-color:rgb(121, 80, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 80, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 80, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 80, 97);  
box-shadow:4px 4px 4px 4px rgb(121, 80,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 94.1970, 18.9790, 13.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 80, 97) }
```

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

```
.background{ background-color: rgb(121, 80,  
97) }
```

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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