

Converting Colors

YIQ(95.8930, 16.7790, 9.7950)

Have a look what the booklet for
YIQ(95.8930, 16.7790, 9.7950)
contains.

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Color

**YIQ(95.8930, 16.7790,
9.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	76555E
RGB	118, 85, 94
RGB Percent	46%, 33%, 37%
CMY	0.5372, 0.6667, 0.6313
CMYK	0.00, 0.28, 0.20, 0.54
HSL	344°, 16%, 40%
HSV	344°, 28%, 46%
XYZ	12.7426, 11.1563, 12.0750
YIQ	95.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

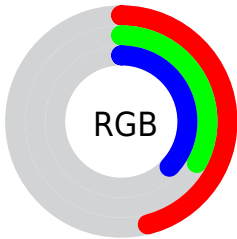
Format	Color
RYB	118, 85, 94
Decimal	7755102
CIELab	39.84, 15.20, 0.19
CIELCh	40, 15.205, 0.721
Yxy	11.1563, 0.3542, 0.3101
Android (android.graphics.Color)	4285945182 (0xFF76555E)
YUV	95.8930, -0.9332, 19.3878
Hunter-Lab	33.4010, 9.6465, 1.9464

Details

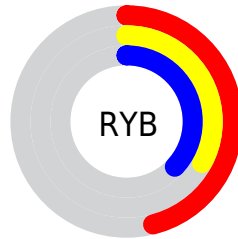
The YIQ color **95.8930, 16.7790, 9.7950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.1070, -16.7790, -9.7950**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7900, 18.5670, 10.4310**, and **48.9960, 14.9910, 9.1590** is the 20% darker color. If you saturate the color by 10%, you get **87.8230, 22.9680, 13.2720**, and if you desaturate by 10%, it is **103.9630, 10.5900, 6.3180**.

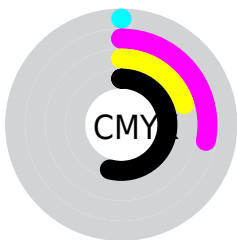
Distribution



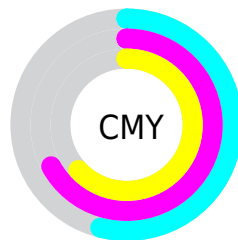
- Red (46%)
- Green (33%)
- Blue (37%)



- Red (46%)
- Yellow (33%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8930, 16.7790, 9.7950 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 95.8930, 16.7790, 9.7950 by changing the saturation by 10% instead.

■ 95.8930, 16.7790,
9.7950

■ 95.8930, 16.7790,
9.7950

255.0000, -0.0000,
-0.0000

■ 72.1810, 15.9080,
9.0600

■ 146.7900, 18.5670,
10.4310

■ 48.9960, 14.9910,
9.1590

■ 173.2030, 18.8420,
10.9540

■ 27.9850, 13.5240,
8.2120

■ 200.5020, 19.4380,
11.1660

■ 8.4860, 16.3670,
6.2470

■ 228.8010, 20.0340,
11.3780

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.7500,
5.2300

■ 95.8930, 16.7790,
9.7950

■ 95.8930, 16.7790,
9.7950

■ 87.8230, 22.9680,
13.2720

■ 103.9630, 10.5900,
6.3180

■ 79.8670, 28.8360,
17.0600

■ 111.9190, 4.7220,
2.5300

■ 72.3840, 34.7500,
20.0140

■ 119.4020, -1.1920,
-0.4240

■ 64.4280, 40.6180,
23.8020

■ 127.3580, -7.0600,
-4.2120

■ 56.3580, 46.8070,
27.2790

■ 135.4280,
-13.2490, -7.6890

■ 48.4020, 52.6750,
31.0670

■ 143.3840,
-19.1170, -11.4770

■ 40.3320, 58.8640,
34.5440

■ 151.4540,
-25.3060, -14.9540

■ 38.9300, 60.0560,

■ 158.9370,

34.9680

-31.2200, -17.9080

 166.8930,
-37.0880, -21.6960

Harmonies

Analogous

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



96.0430, 7.6090, 10.7850



95.8930, 16.7790, 9.7950



95.4110, 20.9520, 5.7520

Triad

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



95.8930, 16.7790, 9.7950



91.7580, 3.2570, -9.4710



89.7720, -25.7210, -1.9210

Complementary

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



95.8930, 16.7790, 9.7950



107.1070, -16.7790, -9.7950

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.



88.1260, -26.9580, -7.0380



95.8930, 16.7790, 9.7950



90.3590, -8.8010, -11.2090

Square

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



95.8930, 16.7790, 9.7950



93.2540, 13.6640, -5.3440



88.8400, -20.4010, -10.2330



92.8380, -16.9190, 3.7610

Rectangle

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



95.8930, 16.7790, 9.7950



94.8900, 20.8610, 1.8930



88.8400, -20.4010, -10.2330



89.2340, -27.1420, -3.7020

Sweetspot

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



95.8930, 16.7790, 9.7950



144.9300, 6.1890, 3.4770



95.9380, 3.7110, 15.3510



71.6200, 4.1260, 2.3180



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



95.8930, 16.7790, 9.7950



118.1440, 26.4980, 15.3780



98.9760, 17.7430, 3.3350



54.9080, 3.2550, 1.5830



40.2400, 62.1190, 36.1270



82.5020, 127.1720, 74.1480

Inverse Universe

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



95.8930, 16.7790, 9.7950



118.1440, 26.4980, 15.3780



104.0240, -17.7430, -3.3350



54.9080, 3.2550, 1.5830



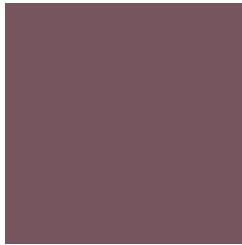
40.2400, 62.1190, 36.1270



82.5020, 127.1720, 74.1480

Previews

White Background



This preview shows how the YIQ color 95.8930, 16.7790, 9.7950 looks on a white background.

Color Contrast Check

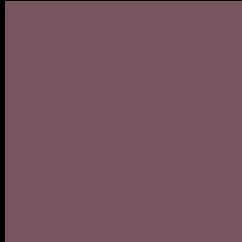
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.8930, 16.7790, 9.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

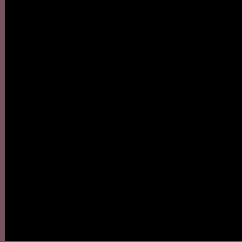
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.8930, 16.7790, 9.7950

Background



This preview shows how black text looks on a background with the YIQ color 95.8930, 16.7790, 9.7950.



This preview shows how white text looks on a background with the YIQ color 95.8930, 16.7790,

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

95.8930, 16.7790, 9.7950

Protanopia

94.5700, -1.6050, 1.5550

Deuteranopia

95.1150, 7.1060, 3.3780



Tritanopia

95.6650, 17.4210, 9.1730

Trichromacy



Original Color

95.8930, 16.7790, 9.7950

Protanomaly

95.2720, 5.2260, 4.4100

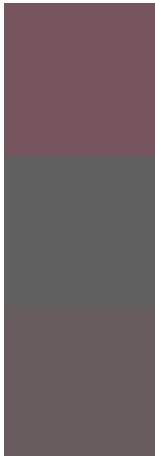
Deuteranomaly

95.4360, 10.6360, 5.4840

Tritanomaly

95.7790, 17.1000, 9.4840

Monochromacy



Original Color

95.8930, 16.7790, 9.7950

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8930, 16.7790, 9.7950 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(118, 85, 94)` looks like.

```
.text, #text, p{  
    color:rgb(118, 85, 94)  
}
```

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(118, 85, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 85, 94) }
```

Border

The CSS property to change the border of an element to YIQ 95.8930, 16.7790, 9.7950 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(118, 85, 94) }
```


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

```
.border{ border-color:rgb(118, 85, 94) }
```

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

Here you see how a box with a 4 pixel rgb(118, 85, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 85, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 85, 94);  
box-shadow:4px 4px 4px 4px rgb(118, 85,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8930, 16.7790, 9.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 85, 94) }
```

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

```
.background{ background-color: rgb(118, 85,  
94) }
```

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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