

Converting Colors

YIQ(95.7810, 41.1220, 25.6820)

Have a look what the booklet for
YIQ(95.7810, 41.1220, 25.6820)
contains.

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Color

**YIQ(95.7810, 41.1220,
25.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	97445E
RGB	151, 68, 94
RGB Percent	59%, 27%, 37%
CMY	0.4076, 0.7335, 0.6312
CMYK	0.00, 0.55, 0.38, 0.41
HSL	341°, 38%, 43%
HSV	341°, 55%, 59%
XYZ	16.8596, 11.5234, 11.9339
YIQ	95.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

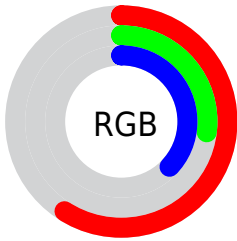
Format	Color
R_{YB}	151, 68, 94
Decimal	9913438
CIE Lab	40.45, 37.62, 1.61
CIE LCh	40, 37.658, 2.453
Yxy	11.5234, 0.4182, 0.2858
Android (android.graphics.Color)	4288103518 (0xFF97445E)
YUV	95.7810, -0.8780, 48.4271
Hunter-Lab	33.9461, 29.2481, 2.9186

Details

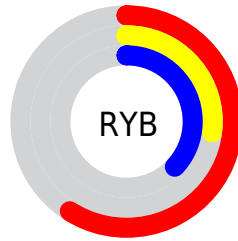
The YIQ color **95.7810, 41.1220, 25.6820** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **123.2190, -41.1220, -25.6820**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4610, 45.0190, 26.6430**, and **43.8670, 38.0040, 27.1240** is the 20% darker color. If you saturate the color by 10%, you get **85.8360, 48.4570, 30.4170**, and if you desaturate by 10%, it is **105.7260, 33.7870, 20.9470**.

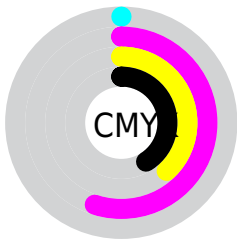
Distribution



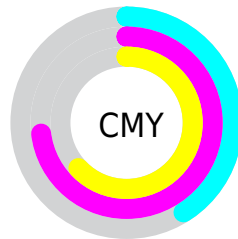
- Red (59%)
- Green (27%)
- Blue (37%)



- Red (59%)
- Yellow (27%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (38%)
- Black (41%)





- Cyan (41%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.7810, 41.1220, 25.6820 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 95.7810, 41.1220, 25.6820 by changing the saturation by 10% instead.


 95.7810, 41.1220,
25.6820


 95.7810, 41.1220,
25.6820


255.0000, -0.0000,
-0.0000


 70.2970, 39.6090,
25.5690


 148.4610, 45.0190,
26.6430


 43.8670, 38.0040,
27.1240

 176.0590, 46.2110,
27.0670

 24.1220, 32.7320,
23.5480

 200.3680, 40.8470,
25.1590

 14.7650, 28.8830,
10.6990

 219.9960, 24.1590,
19.2230

 0.0000, 0.0000,
0.0000

 239.7380, 7.1500,
13.5980

■ 95.7810, 41.1220,
25.6820

■ 95.7810, 41.1220,
25.6820

■ 85.8360, 48.4570,
30.4170

■ 105.7260, 33.7870,
20.9470

■ 75.7770, 56.1130,
34.8410

■ 115.7850, 26.1310,
16.5230

■ 65.8320, 63.4480,
39.5760

■ 125.7300, 18.7960,
11.7880

■ 55.8870, 70.7830,
44.3110

■ 135.7890, 11.1400,
7.3640

■ 50.5070, 74.9090,
46.6290


■ 145.7340, 3.8050,
2.6290

■ 156.2660, -3.8050,
-2.6290

■ 166.3250,
-11.4610, -7.0530

■ 176.2700,

-18.7960, -11.7880

 186.2150,
-26.1310, -16.5230

Harmonies

Analogous

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



97.9390, 20.3060, 28.4820



95.7810, 41.1220, 25.6820



94.4100, 49.0560, 14.0480

Triad

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



95.7810, 41.1220, 25.6820



88.7560, 5.5980, -24.3700



79.2080, -76.9790, -9.0990

Complementary

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



95.7810, 41.1220, 25.6820



123.2190, -41.1220, -25.6820

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.



79.1620, -71.3380, -17.7220



95.7810, 41.1220, 25.6820



81.0860, -30.6220, -28.7500

Square

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



95.7810, 41.1220, 25.6820



92.0750, 29.8050, -17.0350



76.2150, -61.6620, -27.8860



86.4870, -55.2950, 5.4170

Rectangle

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



95.7810, 41.1220, 25.6820



93.8900, 47.2240, 3.1920



76.2150, -61.6620, -27.8860



79.8120, -75.9240, -11.7000

Sweetspot

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



95.7810, 41.1220, 25.6820



174.0070, 16.4580, 10.1060



94.5050, 7.3290, 37.8970



86.3650, 9.3980, 5.8940



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



95.7810, 41.1220, 25.6820



110.1310, 64.0440, 39.7880



101.6220, 45.3430, 9.7510



71.6200, 4.1260, 2.3180



46.8760, 69.3160, 43.3640



4.3430, 6.4640, 4.0000

Inverse Universe

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



95.7810, 41.1220, 25.6820



110.1310, 64.0440, 39.7880



117.3780, -45.3430, -9.7510



71.6200, 4.1260, 2.3180



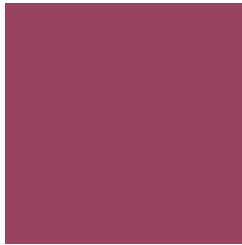
46.8760, 69.3160, 43.3640



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 95.7810, 41.1220, 25.6820 looks on a white background.

Color Contrast Check

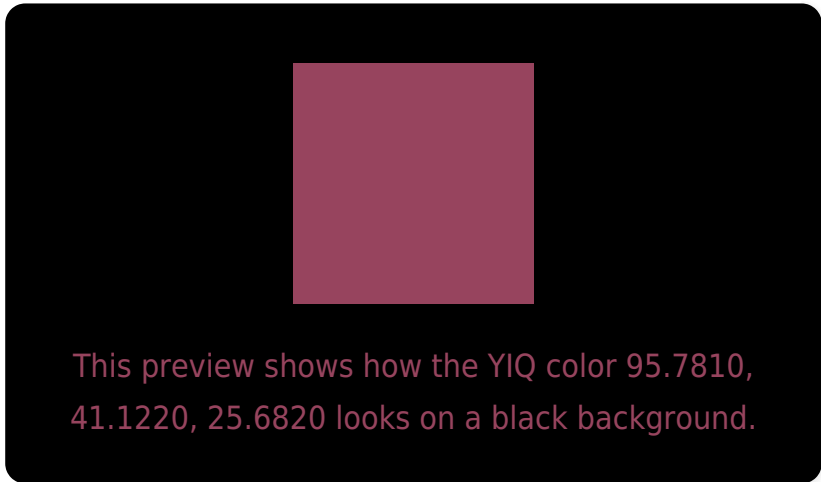
Large Text (above 18pt) WCAG AA ✓ Pass

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

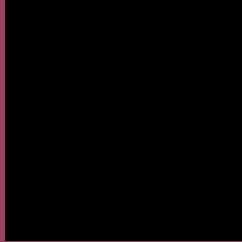
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.7810, 41.1220, 25.6820

Background



This preview shows how black text looks on a background with the YIQ color 95.7810, 41.1220, 25.6820.



This preview shows how white text looks on a background with the YIQ color 95.7810, 41.1220,

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

95.7810, 41.1220, 25.6820

Protanopia

96.1120, -6.0070, 4.2410

Deuteranopia

96.8440, 9.3070, 2.0350



Tritanopia

95.1910, 45.4790, 18.3030

Trichromacy



Original Color

95.7810, 41.1220, 25.6820

Protanomaly

95.8370, 11.1850, 12.0570

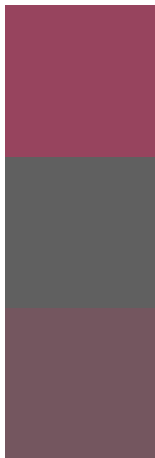
Deuteranomaly

96.4590, 20.9970, 10.4450

Tritanomaly

95.4020, 43.5070, 21.0030

Monochromacy



Original Color

95.7810, 41.1220, 25.6820

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.7810, 41.1220, 25.6820 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(151, 68, 94)` looks like.

```
.text, #text, p{  
    color:rgb(151, 68, 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(151, 68, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 68, 94) }
```

Border

The CSS property to change the border of an element to YIQ 95.7810, 41.1220, 25.6820 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(151, 68, 94) }
```


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

```
.border{ border-color:rgb(151, 68, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 68, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 68, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 68, 94);  
box-shadow:4px 4px 4px 4px rgb(151, 68,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 95.7810, 41.1220, 25.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 68, 94) }
```

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

```
.background{ background-color: rgb(151, 68,  
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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