

Converting Colors

YIQ(99.7800, 24.5270, 12.5510)

Have a look what the booklet for
YIQ(99.7800, 24.5270, 12.5510)
contains.

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Color

**YIQ(99.7800, 24.5270,
12.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	83555E
RGB	131, 85, 94
RGB Percent	51%, 33%, 37%
CMY	0.4862, 0.6667, 0.6313
CMYK	0.00, 0.35, 0.28, 0.49
HSL	348°, 21%, 42%
HSV	348°, 35%, 51%
XYZ	14.6330, 12.1302, 12.1652
YIQ	99.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

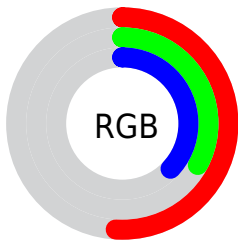
Format	Color
R_{YB}	131, 85, 94
Decimal	8607070
CIE Lab	41.42, 20.47, 2.68
CIE LCh	41, 20.644, 7.449
Yxy	12.1302, 0.3759, 0.3116
Android (android.graphics.Color)	4286797150 (0xFF83555E)
YUV	99.7800, -2.8495, 27.3799
Hunter-Lab	34.8284, 14.0464, 3.6705




Details

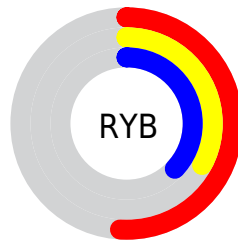
The YIQ color **99.7800, 24.5270, 12.5510** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.2200, -24.5270, -12.5510**, and the grayscale version is **100.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **150.9760, 26.9110, 13.3990**, and **52.2850, 21.5470, 11.4910** is the 20% darker color. If you saturate the color by 10%, you get **90.8950, 31.6330, 15.9290**, and if you desaturate by 10%, it is **108.6650, 17.4210, 9.1730**.

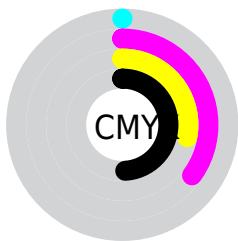
Distribution







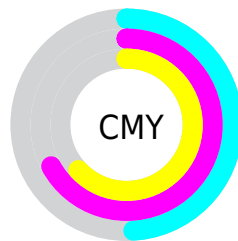
-  Red (51%)
-  Green (33%)
-  Blue (37%)






-  Red (51%)
-  Yellow (33%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (35%)
-  Yellow (28%)
-  Black (49%)



-  Cyan (49%)
-  Magenta (67%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7800, 24.5270, 12.5510 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 99.7800, 24.5270, 12.5510 by changing the saturation by 10% instead.

■ 99.7800, 24.5270,
12.5510

■ 99.7800, 24.5270,
12.5510

■ 255.0000, -0.0000,
-0.0000

■ 75.1820, 23.3350,
12.1270

■ 150.9760, 26.9110,
13.3990

■ 52.2850, 21.5470,
11.4910

■ 178.2750, 27.5070,
13.6110

■ 29.8010, 20.0340,
11.3780

■ 205.8730, 28.6990,
14.0350

■ 11.0630, 22.0520,
7.8440

■ 229.3880, 19.7590,
10.8550

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.7500,
5.2300

99.7800, 24.5270,
12.5510

99.7800, 24.5270,
12.5510

90.8950, 31.6330,
15.9290

108.6650, 17.4210,
9.1730

82.1240, 38.4180,
19.6180

117.4360, 10.6360,
5.4840

73.2390, 45.5240,
22.9960

126.3210, 3.5300,
2.1060

64.4680, 52.3090,
26.6850

135.0920, -3.2550,
-1.5830

54.9960, 59.6900,
30.5860

143.9770,
-10.3610, -4.9610

46.2250, 66.4750,
34.2750


153.3350,
-17.4210, -9.1730

42.1330, 69.7300,
35.8580

162.2200,
-24.5270, -12.5510

170.9910,

-31.3120, -16.2400

 179.8760,
-38.4180, -19.6180

Harmonies

Analogous

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



100.5000, 13.7520, 15.0960



99.7800, 24.5270, 12.5510



98.8310, 28.5170, 6.3170

Triad

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



99.7800, 24.5270, 12.5510



94.4540, 1.0570, -13.6550



92.2100, -35.7620, -1.6660

Complementary

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



99.7800, 24.5270, 12.5510



116.2200, -24.5270, -12.5510

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.



88.2320, -41.9960, -9.8360



99.7800, 24.5270, 12.5510



91.8310, -16.1820, -15.1100

Square

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



99.7800, 24.5270, 12.5510



96.2170, 15.0860, -9.0900



88.9740, -32.6420, -14.1620



96.9780, -20.1290, 6.8710

Rectangle

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



99.7800, 24.5270, 12.5510



97.8860, 26.6840, 0.9880



88.9740, -32.6420, -14.1620



90.3620, -39.2460, -4.6060

Sweetspot

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



99.7800, 24.5270, 12.5510



158.1370, 10.0400, 5.2720



101.3070, 7.2860, 22.1500



78.9300, 6.1890, 3.4770



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



99.7800, 24.5270, 12.5510



122.1240, 38.4180, 19.6180



106.9720, 23.5660, 2.4300



61.9080, 3.2550, 1.5830



41.8340, 69.1340, 35.6460



1.0110, 1.4670, 0.9470

Inverse Universe

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



99.7800, 24.5270, 12.5510



122.1240, 38.4180, 19.6180



109.0280, -23.5660, -2.4300



61.9080, 3.2550, 1.5830



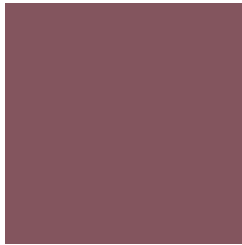
41.8340, 69.1340, 35.6460



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 99.7800, 24.5270, 12.5510 looks on a white background.

Color Contrast Check

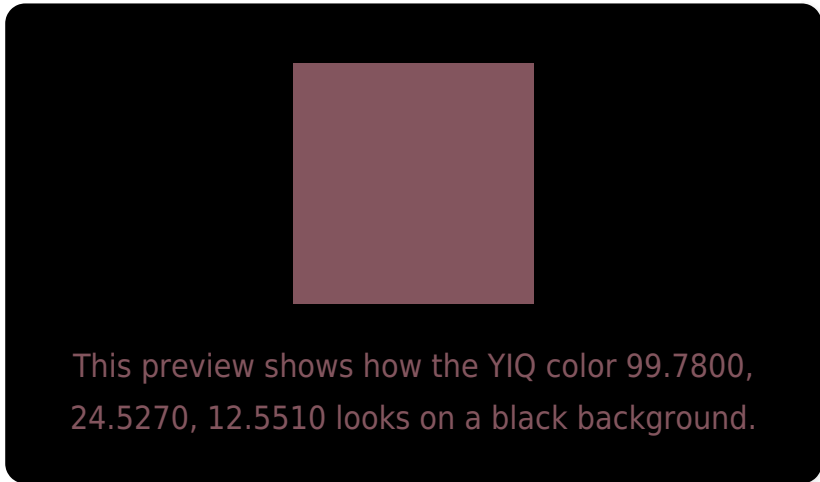
Large Text (above 18pt) WCAG AA ✓ Pass

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

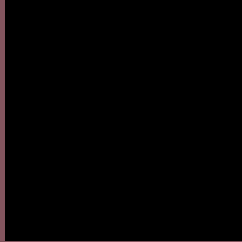
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7800, 24.5270, 12.5510

Background



This preview shows how black text looks on a background with the YIQ color 99.7800, 24.5270, 12.5510.



This preview shows how white text looks on a background with the YIQ color 99.7800, 24.5270,

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

99.7800, 24.5270, 12.5510

Protanopia

98.6410, -0.3670, 1.1450

Deuteranopia

99.1430, 9.9030, 2.2470



Tritanopia

99.5520, 25.1690, 11.9290

Trichromacy



Original Color

99.7800, 24.5270, 12.5510

Protanomaly

98.9520, 9.1230, 5.3710

Deuteranomaly

99.3010, 15.4500, 6.3460

Tritanomaly

99.6660, 24.8480, 12.2400

Monochromacy



Original Color

99.7800, 24.5270, 12.5510

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.1260, 8.5730, 4.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7800, 24.5270, 12.5510 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(131, 85, 94)` looks like.

```
.text, #text, p{  
    color:rgb(131, 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(131, 85, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 85, 94) }
```

Border

The CSS property to change the border of an element to YIQ 99.7800, 24.5270, 12.5510 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(131, 85, 94) }
```


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

```
.border{ border-color:rgb(131, 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(131, 85, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 85, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 85, 94);  
box-shadow:4px 4px 4px 4px rgb(131, 85,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7800, 24.5270, 12.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 85, 94) }
```

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

```
.background{ background-color: rgb(131, 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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