

Converting Colors

YIQ(97.5660, 22.5540, 20.7780)

Have a look what the booklet for
YIQ(97.5660, 22.5540, 20.7780)
contains.

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Color

**YIQ(97.5660, 22.5540,
20.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	844E6C
RGB	132, 78, 108
RGB Percent	52%, 31%, 42%
CMY	0.4822, 0.6942, 0.5764
CMYK	0.00, 0.41, 0.18, 0.48
HSL	327°, 26%, 41%
HSV	327°, 41%, 52%
XYZ	14.9520, 11.4372, 15.6116
YIQ	97.5660, 22.5540, 20.7780

Conversions

Conversions Part 2

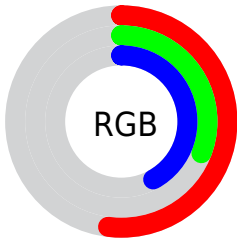
Format	Color
R_{YB}	132, 78, 108
Decimal	8670828
CIE Lab	40.31, 27.21, -7.60
CIE LCh	40, 28.250, 344.399
Yxy	11.4372, 0.3560, 0.2723
Android (android.graphics.Color)	4286860908 (0xFF844E6C)
YUV	97.5660, 5.1440, 30.1986
Hunter-Lab	33.8189, 19.7354, -3.6964

Details

The YIQ color **97.5660, 22.5540, 20.7780** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **112.4340, -22.5540, -20.7780**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8760, 24.6170, 21.9370**, and **49.3700, 20.1700, 19.9300** is the 20% darker color. If you saturate the color by 10%, you get **89.2510, 28.0550, 25.7110**, and if you desaturate by 10%, it is **105.8810, 17.0530, 15.8450**.

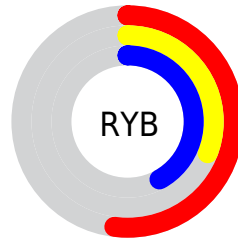
Distribution



Red (52%)

Green (31%)

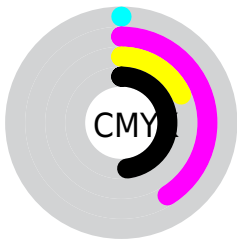
Blue (42%)



Red (52%)

Yellow (31%)

Blue (42%)

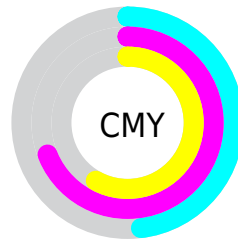


Cyan (0%)

Magenta (41%)

Yellow (18%)

Black (48%)



Cyan (48%)

Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5660, 22.5540, 20.7780 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 97.5660, 22.5540, 20.7780 by changing the saturation by 10% instead.

■ 97.5660, 22.5540,
20.7780

■ 97.5660, 22.5540,
20.7780

■ 255.0000, -0.0000,
-0.0000

■ 72.9680, 21.3620,
20.3540

■ 148.8760, 24.6170,
21.9370

■ 49.3700, 20.1700,
19.9300

■ 175.5880, 25.4880,
22.6720

■ 25.5980, 19.5280,
20.5520

■ 203.8870, 26.0840,
22.8840

■ 13.5280, 16.5490,
13.9650

■ 226.5160, 16.8230,
20.0150

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.6750,
8.8910

97.5660, 22.5540,
20.7780

97.5660, 22.5540,
20.7780

89.2510, 28.0550,
25.7110

105.8810, 17.0530,
15.8450

80.9360, 33.5560,
30.6440

114.1960, 11.5520,
10.9120

72.0340, 39.3320,
36.1000

123.0980, 5.7760,
5.4560

63.8330, 44.5120,
41.3440

131.2990, 0.5960,
0.2120

55.5180, 50.0130,
46.2770

139.6140, -4.9050,
-4.7210


47.7900, 55.2390,
50.6870

147.9290,
-10.4060, -9.6540

156.2440,
-15.9070, -14.5870

165.1460,

-21.6830, -20.0430

 173.4610,
-27.1840, -24.9760

Harmonies

Analogous

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



97.6760, 1.6930, 18.8850



97.5660, 22.5540, 20.7780



96.4500, 34.3840, 15.6320

Triad

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



97.5660, 22.5540, 20.7780



92.1260, 16.6000, -14.5040



76.1130, -69.6420, -15.4180

Complementary

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



97.5660, 22.5540, 20.7780



112.4340, -22.5540, -20.7780

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.



74.8930, -63.4510, -22.9950



97.5660, 22.5540, 20.7780



89.2420, -4.3980, -19.4220

Square

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



97.5660, 22.5540, 20.7780



93.8230, 30.9950, -5.5570



83.8290, -31.0360, -21.2440



84.7010, -53.3220, -2.8100

Rectangle

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



97.5660, 22.5540, 20.7780



95.3160, 37.4570, 9.4970



83.8290, -31.0360, -21.2440



75.9020, -67.6700, -18.1180

Sweetspot

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



97.5660, 22.5540, 20.7780



157.6470, 8.6640, 8.1840



91.0330, -3.6260, 21.6700



79.2720, 5.2260, 4.4100



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.



97.5660, 22.5540, 20.7780



117.4740, 34.9770, 32.4250



94.6020, 30.9000, 12.6920



62.1360, 2.6130, 2.2050



47.0780, 54.3680, 49.9520



1.0110, 1.4670, 0.9470

Inverse Universe

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



97.5660, 22.5540, 20.7780



117.4740, 34.9770, 32.4250



115.3980, -30.9000, -12.6920



62.1360, 2.6130, 2.2050



47.0780, 54.3680, 49.9520



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 97.5660, 22.5540, 20.7780 looks on a white background.

Color Contrast Check

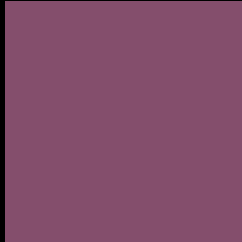
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5660, 22.5540, 20.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

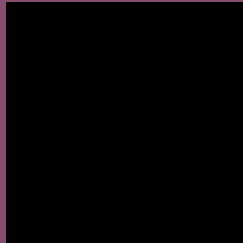
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.5660, 22.5540, 20.7780

Background



This preview shows how black text looks on a background with the YIQ color 97.5660, 22.5540, 20.7780.



This preview shows how white text looks on a background with the YIQ color 97.5660, 22.5540,

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

97.5660, 22.5540, 20.7780

Protanopia

95.6540, -10.4090, 6.9270

Deuteranopia

96.4610, 0.3200, 5.2160



Tritanopia

97.0360, 26.6820, 12.0420

Trichromacy



Original Color

97.5660, 22.5540, 20.7780

Protanomaly

96.1610, 1.4650, 12.0010

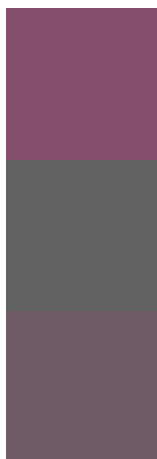
Deuteranomaly

97.2280, 8.5260, 10.6860

Tritanomaly

97.5460, 25.3060, 14.9540

Monochromacy



Original Color

97.5660, 22.5540, 20.7780

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9350, 7.7930, 7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5660, 22.5540, 20.7780 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(132, 78, 108)` looks like.

```
.text, #text, p{  
    color:rgb(132, 78, 108)  
}
```

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(132, 78, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 78, 108) }
```

Border

The CSS property to change the border of an element to YIQ 97.5660, 22.5540, 20.7780 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(132, 78, 108) }
```


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

```
.border{ border-color:rgb(132, 78, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 78, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 78, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 78, 108);  
box-shadow:4px 4px 4px 4px rgb(132, 78,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5660, 22.5540, 20.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 78, 108) }
```

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

```
.background{ background-color: rgb(132, 78,  
108) }
```

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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