

Converting Colors

YIQ(98.6810, 20.4920, 14.0920)

Have a look what the booklet for
YIQ(98.6810, 20.4920, 14.0920)
contains.

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Color

**YIQ(98.6810, 20.4920,
14.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5464
RGB	127, 84, 100
RGB Percent	50%, 33%, 39%
CMY	0.5018, 0.6706, 0.6078
CMYK	0.00, 0.34, 0.21, 0.50
HSL	338°, 20%, 41%
HSV	338°, 34%, 50%
XYZ	14.2267, 11.7725, 13.5835
YIQ	98.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

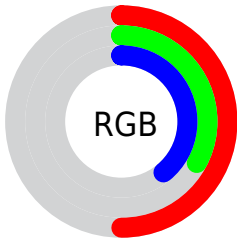
Format	Color
R _Y B	127, 84, 100
Decimal	8344676
CIE Lab	40.85, 20.42, -1.91
CIE LCh	41, 20.512, 354.648
Yxy	11.7725, 0.3594, 0.2974
Android (android.graphics.Color)	4286534756 (0xFF7F5464)
YUV	98.6810, 0.6503, 24.8358
Hunter-Lab	34.3111, 13.9685, 0.5452

Details

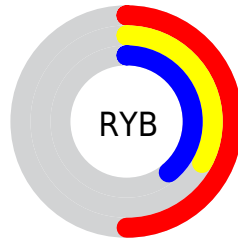
The YIQ color **98.6810, 20.4920, 14.0920** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.3190, -20.4920, -14.0920**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9910, 22.5550, 15.2510**, and **51.3710, 18.4290, 12.9330** is the 20% darker color. If you saturate the color by 10%, you get **90.1380, 26.6350, 18.4030**, and if you desaturate by 10%, it is **107.2240, 14.3490, 9.7810**.

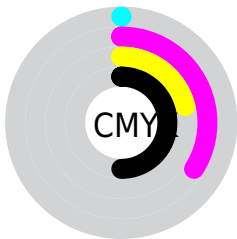
Distribution



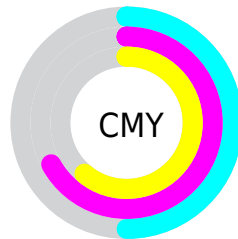
- Red (50%)
- Green (33%)
- Blue (39%)



- Red (50%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.6810, 20.4920, 14.0920 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 98.6810, 20.4920, 14.0920 by changing the saturation by 10% instead.

■ 98.6810, 20.4920,
14.0920

■ 98.6810, 20.4920,
14.0920

■ 255.0000, -0.0000,
-0.0000

■ 74.0830, 19.3000,
13.6680

■ 149.9910, 22.5550,
15.2510

■ 51.3710, 18.4290,
12.9330

■ 176.5890, 23.7470,
15.6750

■ 28.8870, 16.9160,
12.8200

■ 204.5890, 23.7470,
15.6750

■ 11.4910, 17.9710,
10.2190

■ 229.0120, 18.0620,
14.0780

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.0250,
5.7530

98.6810, 20.4920,
14.0920

98.6810, 20.4920,
14.0920

90.1380, 26.6350,
18.4030

107.2240, 14.3490,
9.7810

82.1820, 32.5030,
22.1910

115.1800, 8.4810,
5.9930

73.6390, 38.6460,
26.5020

123.7230, 2.3380,
1.6820

65.0960, 44.7890,
30.8130

132.2660, -3.8050,
-2.6290

56.5530, 50.9320,
35.1240

140.2220, -9.6730,
-6.4170

48.5970, 56.8000,
38.9120


148.7650,
-15.8160, -10.7280

43.3310, 60.6050,
41.5410

157.3080,
-21.9590, -15.0390

165.8510,

-28.1020, -19.3500

 173.8070,
-33.9700, -23.1380

Harmonies

Analogous

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



98.6780, 7.3790, 14.9550



98.6810, 20.4920, 14.0920



98.2270, 27.4620, 8.9180

Triad

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



98.6810, 20.4920, 14.0920



94.2160, 7.6590, -12.1570



88.5360, -39.7960, -5.6520

Complementary

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



98.6810, 20.4920, 14.0920



112.3190, -20.4920, -14.0920

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.



86.7330, -39.1530, -11.8010



98.6810, 20.4920, 14.0920



91.2510, -8.6170, -14.5450

Square

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



98.6810, 20.4920, 14.0920



95.5490, 20.0830, -6.0370



88.6820, -25.9480, -14.3320



93.7490, -26.9140, 3.1820

Rectangle

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



98.6810, 20.4920, 14.0920



97.3640, 28.3340, 4.1260



88.6820, -25.9480, -14.3320



87.4710, -41.1710, -8.2670

Sweetspot

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



98.6810, 20.4920, 14.0920



154.7670, 8.2060, 5.4700



96.9750, 2.2890, 19.0970



77.4460, 4.6760, 3.3640



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



98.6810, 20.4920, 14.0920



121.1820, 32.5030, 22.1910



99.7920, 24.2530, 6.5010



59.4350, 3.2090, 2.4170



43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.6810, 20.4920, 14.0920



121.1820, 32.5030, 22.1910



111.2080, -24.2530, -6.5010



59.4350, 3.2090, 2.4170



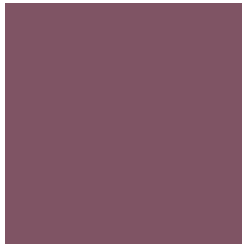
43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 98.6810, 20.4920, 14.0920 looks on a white background.

Color Contrast Check

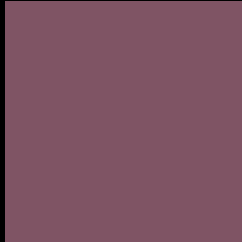
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6810, 20.4920, 14.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

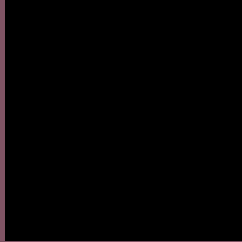
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.6810, 20.4920, 14.0920

Background



This preview shows how black text looks on a background with the YIQ color 98.6810, 20.4920, 14.0920.



This preview shows how white text looks on a background with the YIQ color 98.6810, 20.4920,

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

98.6810, 20.4920, 14.0920

Protanopia

96.9550, -4.1270, 3.2090

Deuteranopia

97.7450, 5.2720, 3.5760



Tritanopia

98.0570, 22.1890, 10.8690

Trichromacy



Original Color

98.6810, 20.4920, 14.0920

Protanomaly

97.8530, 5.0880, 6.9120

Deuteranomaly

97.9030, 10.8190, 7.6750

Tritanomaly

98.3990, 21.2260, 11.8020

Monochromacy



Original Color

98.6810, 20.4920, 14.0920

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6810, 20.4920, 14.0920 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(127, 84, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 84, 100)  
}
```

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(127, 84, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 84, 100) }
```

Border

The CSS property to change the border of an element to YIQ 98.6810, 20.4920, 14.0920 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(127, 84, 100) }
```


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

```
.border{ border-color:rgb(127, 84, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 84, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 84, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 84, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 84,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6810, 20.4920, 14.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 84, 100) }
```

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

```
.background{ background-color: rgb(127, 84,  
100) }
```

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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