

Converting Colors

YIQ(98.6890, 26.0410, 7.1370)

Have a look what the booklet for
YIQ(98.6890, 26.0410, 7.1370)
contains.

YIQ(98.6890, 26.0410, 7.1370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(98.6890, 26.0410,
7.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	805752
RGB	128, 87, 82
RGB Percent	50%, 34%, 32%
CMY	0.4979, 0.6589, 0.6783
CMYK	0.00, 0.32, 0.36, 0.50
HSL	6°, 22%, 41%
HSV	6°, 36%, 50%
XYZ	13.8365, 12.0143, 9.5778
YIQ	98.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

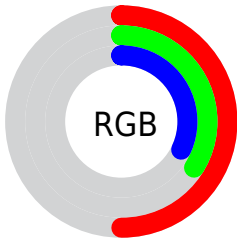
Format	Color
R_{YB}	128, 88, 82
Decimal	8410962
CIE Lab	41.24, 16.31, 9.74
CIE LCh	41, 18.995, 30.849
Yxy	12.0143, 0.3905, 0.3391
Android (android.graphics.Color)	4286601042 (0xFF805752)
YUV	98.6890, -8.2277, 25.7057
Hunter-Lab	34.6616, 10.5975, 7.8799

Details

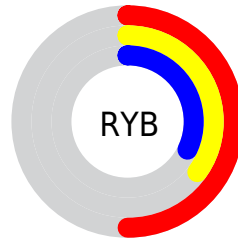
The YIQ color **98.6890, 26.0410, 7.1370** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111.3110, -26.0410, -7.1370**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7710, 28.7460, 7.6740**, and **51.3080, 22.7400, 6.3880** is the 20% darker color. If you saturate the color by 10%, you get **90.7500, 33.2390, 8.8470**, and if you desaturate by 10%, it is **106.6280, 18.8430, 5.4270**.

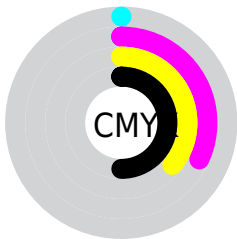
Distribution



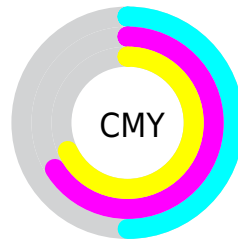
- Red (50%)
- Green (34%)
- Blue (32%)



- Red (50%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (32%)
- Yellow (36%)
- Black (50%)



- Cyan (50%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.6890, 26.0410, 7.1370 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 98.6890, 26.0410, 7.1370 by changing the saturation by 10% instead.

■ 98.6890, 26.0410,
7.1370

■ 98.6890, 26.0410,
7.1370

■ 255.0000, -0.0000,
-0.0000

■ 74.2050, 24.5280,
7.0240

■ 149.7710, 28.7460,
7.6740

■ 51.3080, 22.7400,
6.3880

■ 176.3690, 29.9380,
8.0980

■ 29.5250, 20.6310,
6.0630

■ 204.5540, 30.8550,
7.9990

■ 9.8670, 19.6680,
6.9960

■ 228.9660, 23.7030,
5.4550

■ 0.0000, 0.0000,
0.0000

■ 248.5940, 7.0150,
-0.4810

■ 98.6890, 26.0410,
7.1370

■ 98.6890, 26.0410,
7.1370

■ 90.7500, 33.2390,
8.8470

■ 106.6280, 18.8430,
5.4270

■ 82.2240, 40.7120,
11.0800

■ 115.1540, 11.3700,
3.1940

■ 74.3990, 47.5890,
13.1010

■ 122.9790, 4.4930,
1.1730

■ 65.8730, 55.0620,
15.3340

■ 131.5050, -2.9800,
-1.0600

■ 57.9340, 62.2600,
17.0440

■ 139.4440,
-10.1780, -2.7700

■ 49.4080, 69.7330,
19.2770

■ 147.9700,
-17.6510, -5.0030

■ 46.4900, 72.4380,
19.8140

■ 155.9090,
-24.8490, -6.7130

■ 163.7340,

-31.7260, -8.7340

■ 172.2600,
-39.1990, -10.9670

Harmonies

Analogous

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



99.5130, 20.9050, 12.1130



98.6890, 26.0410, 7.1370



97.6900, 24.3000, 0.1400

Triad

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



98.6890, 26.0410, 7.1370



92.2230, -11.4140, -13.4140



96.0270, -21.8250, 4.5670

Complementary

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



98.6890, 26.0410, 7.1370



111.3110, -26.0410, -7.1370

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.



91.6400, -34.1570, -3.2210



98.6890, 26.0410, 7.1370



90.3230, -26.3150, -13.1870

Square

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



98.6890, 26.0410, 7.1370



94.4760, 3.9910, -11.7610



89.1680, -35.9440, -9.3840



98.6270, -5.7790, 11.1250

Rectangle

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



98.6890, 26.0410, 7.1370



97.1900, 19.7160, -4.8920



89.1680, -35.9440, -9.3840



94.2220, -26.8680, 2.3480

Sweetspot

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



98.6890, 26.0410, 7.1370



153.9690, 10.4530, 3.2930



100.4280, 14.2550, 22.5030



76.8760, 6.2810, 1.8090



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.



98.6890, 26.0410, 7.1370



120.2240, 40.7120, 11.0800



112.1900, 19.7160, -4.8920



59.6800, 3.8970, 0.9610



46.4900, 72.4380, 19.8140



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.3110, -26.0410, -7.1370



139.7760, -40.7120, -11.0800



97.8100, -19.7160, 4.8920



61.3200, -3.8970, -0.9610



81.5100, -72.4380, -19.8140



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 98.6890, 26.0410, 7.1370 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 98.6890, 26.0410, 7.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

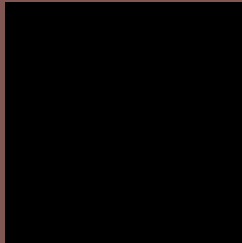
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.6890, 26.0410, 7.1370

Background



This preview shows how black text looks on a background with the YIQ color 98.6890, 26.0410, 7.1370.



This preview shows how white text looks on a background with the YIQ color 98.6890, 26.0410,

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

98.6890, 26.0410, 7.1370

Protanopia

97.3550, 6.1900, -2.0500

Deuteranopia

98.1990, 15.4970, -0.0150



Tritanopia

98.9540, 23.9770, 11.5050

Trichromacy



Original Color

98.6890, 26.0410, 7.1370

Protanomaly

97.4700, 13.2960, 1.3280

Deuteranomaly

97.9330, 19.3020, 2.6140

Tritanomaly

99.0850, 24.9860, 9.7380

Monochromacy



Original Color

98.6890, 26.0410, 7.1370

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.2570, 9.5820, 2.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6890, 26.0410, 7.1370 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(128, 87, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 87, 82)  
}
```

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(128, 87, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 87, 82) }
```

Border

The CSS property to change the border of an element to YIQ 98.6890, 26.0410, 7.1370 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(128, 87, 82) }
```


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

```
.border{ border-color:rgb(128, 87, 82) }
```

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

Here you see how a box with a 4 pixel rgb(128, 87, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 87, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 87, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 87,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6890, 26.0410, 7.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 87, 82) }
```

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

```
.background{ background-color: rgb(128, 87,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor