

Converting Colors

YIQ(98.5890, 31.7740, -3.1540)

Have a look what the booklet for
YIQ(98.5890, 31.7740, -3.1540)
contains.

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Color

**YIQ(98.5890, 31.7740,
-3.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5C3A
RGB	127, 92, 58
RGB Percent	50%, 36%, 23%
CMY	0.5019, 0.6393, 0.7724
CMYK	0.00, 0.28, 0.54, 0.50
HSL	30°, 37%, 36%
HSV	30°, 54%, 50%
XYZ	13.3453, 12.4709, 5.7119
YIQ	98.5890, 31.7740, -3.1540

Conversions

Conversions Part 2

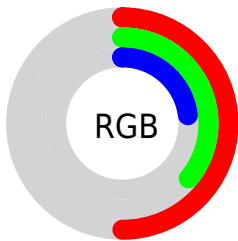
Format	Color
R_{YB}	127, 125, 58
Decimal	8346682
CIE Lab	41.95, 10.07, 25.05
CIE LCh	42, 27.001, 68.101
Yxy	12.4709, 0.4233, 0.3955
Android (android.graphics.Color)	4286536762 (0xFF7F5C3A)
YUV	98.5890, -20.0104, 24.9164
Hunter-Lab	35.3141, 5.6562, 15.1299

Details

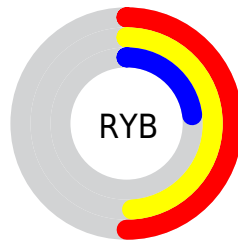
The YIQ color **98.5890, 31.7740, -3.1540** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **86.4110, -31.7740, 3.1540**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8560, 35.3960, -2.7160**, and **51.0230, 27.5560, -3.8040** is the 20% darker color. If you saturate the color by 10%, you get **93.5850, 37.5970, -4.0590**, and if you desaturate by 10%, it is **103.5930, 25.9510, -2.2490**.

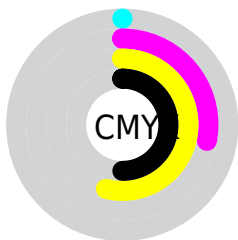
Distribution



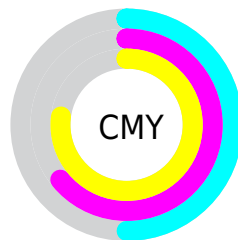
- Red (50%)
- Green (36%)
- Blue (23%)



- Red (50%)
- Yellow (49%)
- Blue (23%)



- Cyan (0%)
- Magenta (28%)
- Yellow (54%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.5890, 31.7740, -3.1540 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 98.5890, 31.7740, -3.1540 by changing the saturation by 10% instead.

■ 98.5890, 31.7740,
-3.1540

■ 98.5890, 31.7740,
-3.1540

255.0000, -0.0000,
-0.0000

■ 74.2190, 29.9400,
-2.9560

■ 149.8560, 35.3960,
-2.7160

■ 51.0230, 27.5560,
-3.8040

■ 176.9270, 36.6340,
-3.1260

■ 29.9240, 23.5210,
-2.2630

■ 204.4110, 38.1470,
-3.0130

■ 8.3720, 16.6880,
5.9360

■ 228.8230, 30.9950,
-5.5570

■ 0.0000, 0.0000,
0.0000

■ 248.3370, 14.6280,
-11.8040

■ 253.4040, 4.4940,

-4.3540

■ 98.5890, 31.7740,
-3.1540

■ 98.5890, 31.7740,
-3.1540

■ 93.5850, 37.5970,
-4.0590

■ 103.5930, 25.9510,
-2.2490

■ 88.1080, 43.3740,
-4.1300

■ 109.0700, 20.1740,
-2.1780

■ 83.1040, 49.1970,
-5.0350

■ 114.0740, 14.3510,
-1.2730

■ 77.5130, 55.2950,
-5.4170

■ 119.6650, 8.2530,
-0.8910

■ 74.9540, 58.3670,
-6.0250

■ 124.6690, 2.4300,
0.0140

■ 130.1460, -3.3470,
0.0850

■ 135.1500, -9.1700,
0.9900

■ 140.7410,
-15.2680, 1.3720

■ 145.6310,
-20.7700, 1.9660

Harmonies

Analogous

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



99.7780, 36.0360, 7.7160



98.5890, 31.7740, -3.1540



97.1480, 19.5340, -12.6100

Triad

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



98.5890, 31.7740, -3.1540



82.3950, -53.1810, -21.8930



101.2840, -3.0750, 17.1890

Complementary

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



98.5890, 31.7740, -3.1540



86.4110, -31.7740, 3.1540

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.



97.1390, -27.8320, 8.8080



98.5890, 31.7740, -3.1540



78.9340, -70.6960, -18.3440

Square

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



98.5890, 31.7740, -3.1540



89.7760, -23.5170, -19.8450



88.0490, -54.4220, -4.9020



102.0000, 18.3360, 20.1280

Rectangle

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



98.5890, 31.7740, -3.1540



95.2820, 7.2930, -16.5390



88.0490, -54.4220, -4.9020



100.5110, -11.1440, 14.7440

Sweetspot

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



98.5890, 31.7740, -3.1540



154.7040, 12.5170, -1.0750



82.7350, 29.5680, 25.8240



77.4800, 7.3360, -0.7920



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.



98.5890, 31.7740, -3.1540



121.4030, 49.7930, -4.8230



118.5470, 22.4240, -20.9360



61.4410, 3.0720, -0.6080



75.2530, 58.9630, -5.8130



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.4110, -31.7740, 3.1540



102.5970, -49.7930, 4.8230



66.4530, -22.4240, 20.9360



60.1460, -3.3470, 0.0850



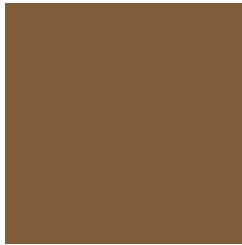
52.7470, -58.9630, 5.8130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 98.5890, 31.7740, -3.1540 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 98.5890, 31.7740, -3.1540 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 98.5890, 31.7740, -3.1540

Background



This preview shows how black text looks on a background with the YIQ color 98.5890, 31.7740, -3.1540.



This preview shows how white text looks on a background with the YIQ color 98.5890, 31.7740,

-3.1540.

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

98.5890, 31.7740, -3.1540

Protanopia

97.3590, 17.5620, -9.9100

Deuteranopia

98.4420, 27.6940, -6.3060



Tritanopia

101.2420, 23.1060, 10.7700

Trichromacy



Original Color

98.5890, 31.7740, -3.1540

Protanomaly

97.5770, 22.8800, -7.1680

Deuteranomaly

98.4530, 29.1610, -5.3590

Tritanomaly

100.0480, 26.4080, 5.9920

Monochromacy



Original Color

98.5890, 31.7740, -3.1540

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.5190, 11.6000, -0.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5890, 31.7740, -3.1540 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, 92, 58)` looks like.

```
.text, #text, p{  
    color:rgb(127, 92, 58)  
}
```

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, 92, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 92, 58) }
```

Border

The CSS property to change the border of an element to YIQ 98.5890, 31.7740, -3.1540 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, 92, 58) }
```


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

```
.border{ border-color:rgb(127, 92, 58) }
```

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

Here you see how a box with a 4 pixel rgb(127, 92, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 92, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 92, 58);  
box-shadow:4px 4px 4px 4px rgb(127, 92,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 98.5890, 31.7740, -3.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 92, 58) }
```

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

```
.background{ background-color: rgb(127, 92,  
58) }
```

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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