

Converting Colors

YIQ(97.4570, 58.8690, 6.9090)

Have a look what the booklet for
YIQ(97.4570, 58.8690, 6.9090)
contains.

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Color

**YIQ(97.4570, 58.8690,
6.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4D2C
RGB	158, 77, 44
RGB Percent	62%, 30%, 17%
CMY	0.3802, 0.6982, 0.8272
CMYK	0.00, 0.51, 0.72, 0.38
HSL	17°, 56%, 40%
HSV	17°, 72%, 62%
XYZ	17.2165, 12.7589, 3.9447
YIQ	97.4570, 58.8690, 6.9090

Conversions

Conversions Part 2

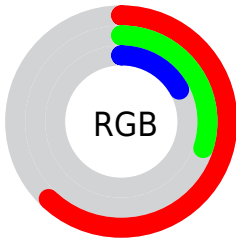
Format	Color
RYB	158, 90, 44
Decimal	10374444
CIELab	42.40, 31.19, 34.51
CIELCh	42, 46.514, 47.891
Yxy	12.7589, 0.5076, 0.3761
Android (android.graphics.Color)	4288564524 (0xFF9E4D2C)
YUV	97.4570, -26.3543, 53.0962
Hunter-Lab	35.7196, 23.5263, 18.4560

Details

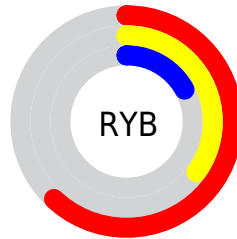
The YIQ color **97.4570, 58.8690, 6.9090** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **104.5430, -58.8690, -6.9090**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.3930, 64.9210, 7.3610**, and **47.2220, 52.2210, 6.2450** is the 20% darker color. If you saturate the color by 10%, you get **89.1760, 67.0300, 7.6860**, and if you desaturate by 10%, it is **105.7380, 50.7080, 6.1320**.

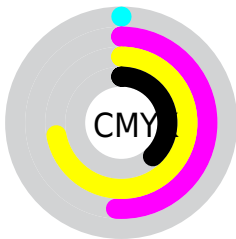
Distribution



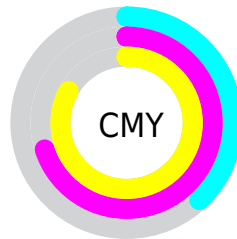
- Red (62%)
- Green (30%)
- Blue (17%)



- Red (62%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (51%)
- Yellow (72%)
- Black (38%)





- Cyan (38%)
- Magenta (70%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.4570, 58.8690, 6.9090 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 97.4570, 58.8690, 6.9090 by changing the saturation by 10% instead.


 97.4570, 58.8690,
6.9090

 97.4570, 58.8690,
6.9090


255.0000, -0.0000,
-0.0000


 72.1900, 55.2470,
6.4710


 150.3930, 64.9210,
7.3610


 47.2220, 52.2210,
6.2450

 177.7740, 68.2220,
8.1100


 23.5880, 42.6830,
13.9070

 198.6800, 56.6230,
3.5590

 14.3520, 28.6080,
10.1760

 218.1940, 40.2560,
-2.6880

 0.0000, 0.0000,
0.0000

 238.2950, 23.6140,
-9.4580

 251.4660, 9.9510,

-9.6410

254.7720, 0.6420,
-0.6220

■ 97.4570, 58.8690,
6.9090

■ 97.4570, 58.8690,
6.9090

■ 89.1760, 67.0300,
7.6860

■ 105.7380, 50.7080,
6.1320

■ 80.3080, 75.4660,
8.9860

■ 114.0190, 42.5470,
5.3550

■ 74.2440, 81.5180,
9.4380

■ 122.7730, 34.4320,
3.7440

■ 131.0540, 26.2710,
2.9670

■ 139.3350, 18.1100,
2.1900

■ 147.6160, 9.9490,
1.4130

■ 156.4840, 1.5130,
0.1130

■ 164.7650, -6.6480,
-0.6640

■ 172.9320,
-14.4880, -1.7520

Harmonies

Analogous

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



97.1050, 57.7650, 26.9250



97.4570, 58.8690, 6.9090



96.2960, 48.2360, -15.1560

Triad

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



97.4570, 58.8690, 6.9090



78.1410, -58.8180, -35.3780



97.0040, -40.2130, 18.4350

Complementary

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



97.4570, 58.8690, 6.9090



104.5430, -58.8690, -6.9090

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.



83.9330, -86.1500, -2.5820



97.4570, 58.8690, 6.9090



83.2880, -71.9330, -23.4610

Square

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



97.4570, 58.8690, 6.9090



86.7100, -15.1240, -34.2920



85.8760, -81.9760, -12.1520



103.4570, 7.2840, 33.2040

Rectangle

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



97.4570, 58.8690, 6.9090



93.5450, 33.9330, -25.7710



85.8760, -81.9760, -12.1520



88.3210, -66.3910, 8.2730

Sweetspot

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



97.4570, 58.8690, 6.9090



182.3850, 23.8410, 2.9530



87.4340, 41.6220, 49.6700



90.0680, 14.4880, 1.7520



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



97.4570, 58.8690, 6.9090



111.3440, 92.9800, 10.9640



130.3290, 43.4690, -22.3790



74.5660, 4.2180, 0.6500



66.8240, 73.9530, 8.8730



6.8330, 7.8400, 1.0880

Inverse Universe

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



104.5430, -58.8690, -6.9090



122.6560, -92.9800, -10.9640



71.6710, -43.4690, 22.3790



75.4340, -4.2180, -0.6500



76.1760, -73.9530, -8.8730



8.1670, -7.8400, -1.0880

Previews

White Background



This preview shows how the YIQ color 97.4570, 58.8690, 6.9090 looks on a white background.

Color Contrast Check

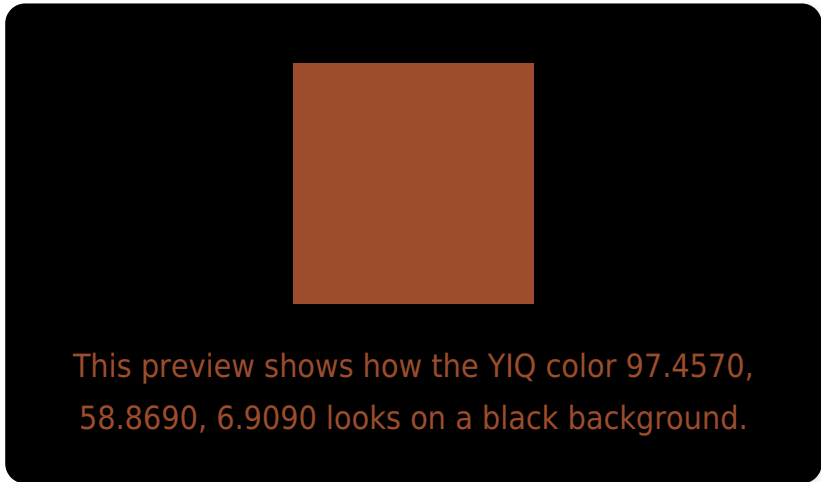
Large Text (above 18pt) WCAG AA ✓ Pass

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

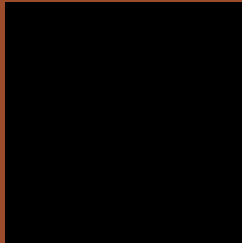
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.4570, 58.8690, 6.9090

Background



This preview shows how black text looks on a background with the YIQ color 97.4570, 58.8690, 6.9090.



This preview shows how white text looks on a background with the YIQ color 97.4570, 58.8690,

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

97.4570, 58.8690, 6.9090

Protanopia

98.4040, 21.6890, -13.1190

Deuteranopia

98.1730, 35.5810, -11.5790



Tritanopia

99.5830, 50.2470, 19.9990

Trichromacy



Original Color

97.4570, 58.8690, 6.9090

Protanomaly

97.8620, 35.2590, -5.7410

Deuteranomaly

97.8800, 44.0160, -4.7520

Tritanomaly

98.5030, 53.2280, 15.5320

Monochromacy



Original Color

97.4570, 58.8690, 6.9090

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.3030, 21.1360, 2.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.4570, 58.8690, 6.9090 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(158, 77, 44)` looks like.

```
.text, #text, p{  
    color:rgb(158, 77, 44)  
}
```

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(158, 77, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 77, 44) }
```

Border

The CSS property to change the border of an element to YIQ 97.4570, 58.8690, 6.9090 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(158, 77, 44) }
```


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

```
.border{ border-color:rgb(158, 77, 44) }
```

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

Here you see how a box with a 4 pixel rgb(158, 77, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 77, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 77, 44);  
box-shadow:4px 4px 4px 4px rgb(158, 77,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 97.4570, 58.8690, 6.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 77, 44) }
```

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

```
.background{ background-color: rgb(158, 77,  
44) }
```

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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