

Converting Colors

YIQ(122.4980, 59.6510, -7.2690)

Have a look what the booklet for
YIQ(122.4980, 59.6510, -7.2690)
contains.

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Color

**YIQ(122.4980, 59.6510,
-7.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6F2C
RGB	175, 111, 44
RGB Percent	69%, 44%, 17%
CMY	0.3136, 0.5648, 0.8272
CMYK	0.00, 0.37, 0.75, 0.31
HSL	31°, 60%, 43%
HSV	31°, 75%, 69%
XYZ	23.8230, 20.6626, 5.1228
YIQ	122.4980, 59.6510, -7.2690

Conversions

Conversions Part 2

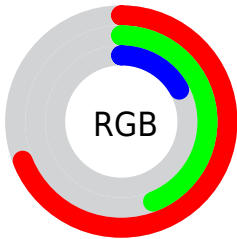
Format	Color
R_{YB}	169, 175, 44
Decimal	11497260
CIE _{Lab}	52.58, 19.65, 46.04
CIE _{LCh}	53, 50.057, 66.880
Yxy	20.6626, 0.4802, 0.4165
Android (android.graphics.Color)	4289687340 (0xFFAF6F2C)
YUV	122.4980, -38.6995, 46.0443
Hunter-Lab	45.4561, 14.0015, 25.1374

Details

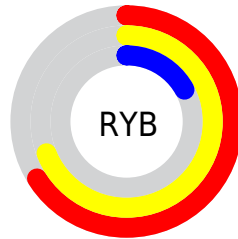
The YIQ color **122.4980, 59.6510, -7.2690** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **96.5020, -59.6510, 7.2690**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6620, 65.0610, -6.1950**, and **72.2630, 53.0030, -7.9330** is the 20% darker color. If you saturate the color by 10%, you get **115.2770, 67.5830, -7.8490**, and if you desaturate by 10%, it is **129.8330, 51.3980, -6.3780**.

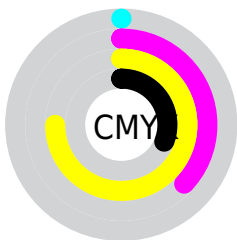
Distribution



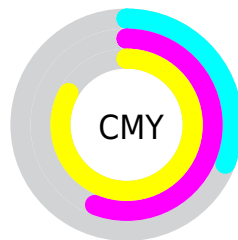
- Red (69%)
- Green (44%)
- Blue (17%)



- Red (66%)
- Yellow (69%)
- Blue (17%)



- Cyan (0%)
- Magenta (37%)
- Yellow (75%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4980, 59.6510, -7.2690 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 122.4980, 59.6510, -7.2690 by changing the saturation by 10% instead.

122.4980, 59.6510,
-7.2690

122.4980, 59.6510,
-7.2690

255.0000, -0.0000,
-0.0000

96.1880, 57.5880,
-8.4280

176.6620, 65.0610,
-6.1950

72.2630, 53.0030,
-7.9330

201.3410, 61.5310,
-8.3010

50.3900, 42.6400,
-1.8400

220.8550, 45.1640,
-14.5480

29.6910, 31.7270,
3.2070

240.3690, 28.7970,
-20.7950

11.6610, 23.2440,
8.2680

248.8440, 17.3340,
-16.7940

0.0000, 0.0000,
0.0000

252.0360, 8.3460,

-8.0860

■ 122.4980, 59.6510,
-7.2690

■ 122.4980, 59.6510,
-7.2690

■ 115.2770, 67.5830,
-7.8490

■ 129.8330, 51.3980,
-6.3780

■ 108.5290, 75.5610,
-9.2630

■ 136.4670, 43.7410,
-5.2750

■ 104.5680, 79.8250,
-9.4470

■ 143.8020, 35.4880,
-4.3840

■ 150.4360, 27.8310,
-3.2810

■ 157.7710, 19.5780,
-2.3900

■ 164.4050, 11.9210,
-1.2870

■ 171.7400, 3.6680,
-0.3960

■ 178.3740, -3.9890,
0.7070

■ 185.7090,
-12.2420, 1.5980

Harmonies

Analogous

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



123.0440, 67.7620, 16.4500



122.4980, 59.6510, -7.2690



119.7580, 37.6470, -27.0010

Triad

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



122.4980, 59.6510, -7.2690



100.9780, -83.1640, -34.6840



128.6600, -9.4050, 32.7950

Complementary

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



122.4980, 59.6510, -7.2690



96.5020, -59.6510, 7.2690

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.



114.7490, -70.4720, 10.6480



122.4980, 59.6510, -7.2690



105.1790, -96.3710, -21.0990

Square

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



122.4980, 59.6510, -7.2690



95.0870, -67.8940, -47.1100



104.8490, -103.7090, -9.2530



128.1460, 33.3250, 40.3410

Rectangle

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



122.4980, 59.6510, -7.2690



116.4500, 14.9070, -33.3890



104.8490, -103.7090, -9.2530



126.7010, -25.8180, 27.3820

Sweetspot

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



122.4980, 59.6510, -7.2690



207.2120, 22.6500, -2.9980



90.6930, 56.8900, 48.2980



102.7750, 13.7550, -1.4850



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



122.4980, 59.6510, -7.2690



145.0440, 92.9840, -11.1440



160.0660, 42.0510, -40.7410



83.0390, 4.2640, -0.1840



90.0490, 68.2250, -8.4710



13.9210, 10.4080, -1.4000

Inverse Universe

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



96.5020, -59.6510, 7.2690



104.9560, -92.9840, 11.1440



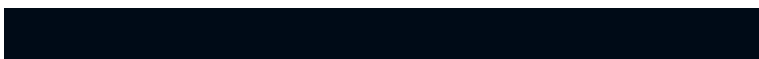
58.9340, -42.0510, 40.7410



81.3740, -3.9890, 0.7070



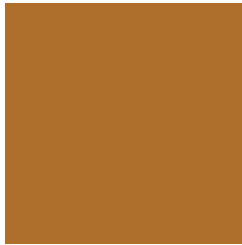
60.5380, -68.5000, 7.9480



9.0790, -10.4080, 1.4000

Previews

White Background



This preview shows how the YIQ color 122.4980, 59.6510, -7.2690 looks on a white 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

Black Background



This preview shows how the YIQ color 122.4980, 59.6510, -7.2690 looks on a black 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

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

YIQ 122.4980, 59.6510, -7.2690

Background



This preview shows how black text looks on a background with the YIQ color 122.4980, 59.6510, -7.2690.



This preview shows how white text looks on a background with the YIQ color 122.4980, 59.6510, -7.2690.

-7.2690.

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

122.4980, 59.6510, -7.2690

Protanopia

121.2940, 33.3820, -21.2900

Deuteranopia

122.3560, 48.0070, -16.5130



Tritanopia

127.3370, 42.1320, 18.3880

Trichromacy



Original Color

122.4980, 59.6510, -7.2690

Protanomaly

122.1320, 42.8260, -16.2300

Deuteranomaly

122.5030, 52.0870, -13.3610

Tritanomaly

125.9490, 48.7360, 8.8320

Monochromacy



Original Color

122.4980, 59.6510, -7.2690

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.1410, 21.4120, -2.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4980, 59.6510, -7.2690 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(175, 111, 44)` looks like.

```
.text, #text, p{  
    color:rgb(175, 111, 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(175, 111, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 111, 44) }
```

Border

The CSS property to change the border of an element to YIQ 122.4980, 59.6510, -7.2690 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(175, 111, 44) }
```


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

```
.border{ border-color:rgb(175, 111, 44) }
```

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

Here you see how a box with a 4 pixel rgb(175, 111, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 111, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 111, 44);  
box-shadow:4px 4px 4px 4px rgb(175, 111,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4980, 59.6510, -7.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 111, 44) }
```

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

```
.background{ background-color: rgb(175,  
111, 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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