

Converting Colors

YIQ(122.3990, 29.2530, -7.0270)

Have a look what the booklet for
YIQ(122.3990, 29.2530, -7.0270)
contains.

YIQ(122.3990, 29.2530, -7.0270)	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(122.3990, 29.2530,
-7.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	92774E
RGB	146, 119, 78
RGB Percent	57%, 47%, 31%
CMY	0.4274, 0.5334, 0.6940
CMYK	0.00, 0.19, 0.47, 0.43
HSL	36°, 30%, 44%
HSV	36°, 47%, 57%
XYZ	19.8278, 19.8534, 10.0019
YIQ	122.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

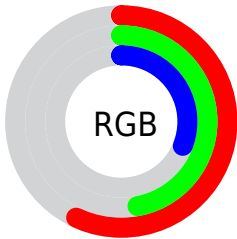
Format	Color
R_{YB}	123, 146, 78
Decimal	9598798
CIE Lab	51.67, 4.85, 26.43
CIE LCh	52, 26.875, 79.596
Yxy	19.8534, 0.3991, 0.3996
Android (android.graphics.Color)	4287788878 (0xFF92774E)
YUV	122.3990, -21.8887, 20.6981
Hunter-Lab	44.5572, 1.4568, 17.8810

Details

The YIQ color **122.3990, 29.2530, -7.0270** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **101.6010, -29.2530, 7.0270**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.0680, 31.6830, -7.0130**, and **73.4310, 26.2270, -7.2530** is the 20% darker color. If you saturate the color by 10%, you get **117.1670, 35.7180, -8.5540**, and if you desaturate by 10%, it is **127.6310, 22.7880, -5.5000**.

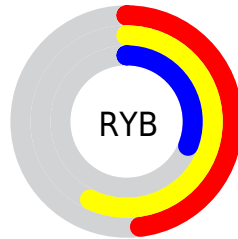
Distribution



Red (57%)

Green (47%)

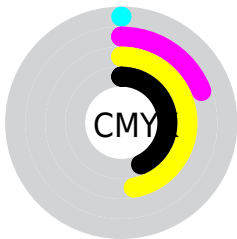
Blue (31%)



Red (48%)

Yellow (57%)

Blue (31%)

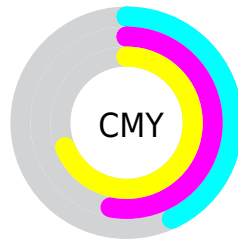


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.3990, 29.2530, -7.0270 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 122.3990, 29.2530, -7.0270 by changing the saturation by 10% instead.

■ 122.3990, 29.2530,
-7.0270

■ 122.3990, 29.2530,
-7.0270

■ 255.0000, -0.0000,
-0.0000

■ 97.0290, 27.4190,
-6.8290

■ 175.0680, 31.6830,
-7.0130

■ 73.4310, 26.2270,
-7.2530

■ 202.5520, 33.1960,
-6.9000

■ 49.9470, 24.7140,
-7.3660

■ 229.5410, 31.7290,
-7.8470

■ 29.8910, 19.1200,
-5.1040

■ 249.7560, 14.7660,
-14.3060

■ 6.8550, 10.7740,
2.9820

■ 252.9480, 5.7780,
-5.5980

■ 0.0000, 0.0000,
0.0000

■ 122.3990, 29.2530,
-7.0270

■ 122.3990, 29.2530,
-7.0270

■ 117.1670, 35.7180,
-8.5540

■ 127.6310, 22.7880,
-5.5000

■ 112.0490, 41.8620,
-9.7700

■ 132.7490, 16.6440,
-4.2840

■ 107.4040, 48.0520,
-11.8200

■ 137.3940, 10.4540,
-2.2340

■ 102.2860, 54.1960,
-13.0360

■ 142.5120, 4.3100,
-1.0180

■ 97.0540, 60.6610,
-14.5630

■ 147.7440, -2.1550,
0.5090

■ 95.3100, 62.8160,
-15.0720

■ 152.9760, -8.6200,
2.0360

■ 158.0940,
-14.7640, 3.2520

■ 162.7390,

-20.9540, 5.3020

■ 167.8570,
-27.0980, 6.5180

Harmonies

Analogous

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



123.7410, 37.4580, 3.9700



122.3990, 29.2530, -7.0270



119.7450, 13.2990, -15.2530

Triad

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



122.3990, 29.2530, -7.0270



109.0190, -54.8780, -18.6700



126.2420, 5.9110, 19.5350

Complementary

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



122.3990, 29.2530, -7.0270



101.6010, -29.2530, 7.0270

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.



123.7490, -17.7460, 13.2460



122.3990, 29.2530, -7.0270



110.0220, -58.9600, -10.7680

Square

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



122.3990, 29.2530, -7.0270



112.8720, -32.5950, -20.5230



117.9090, -42.0440, 2.0520



126.0070, 25.6260, 20.1700

Rectangle

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



122.3990, 29.2530, -7.0270



117.9220, -0.5010, -18.4610



117.9090, -42.0440, 2.0520



126.2950, -1.6080, 18.1360

Sweetspot

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



122.3990, 29.2530, -7.0270



179.4650, 11.6920, -2.6440



101.4100, 31.8610, 22.8130



88.6540, 6.7860, -1.8380



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



122.3990, 29.2530, -7.0270



152.2620, 45.5760, -11.0000



136.1550, 17.6560, -22.6320



71.4410, 3.0720, -0.6080



89.9830, 59.4230, -14.1530



6.5120, 4.3100, -1.0180

Inverse Universe

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



101.6010, -29.2530, 7.0270



119.7380, -45.5760, 11.0000



87.8450, -17.6560, 22.6320



68.9720, -2.7970, 1.1310



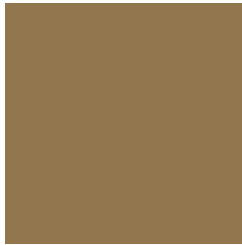
48.0170, -59.4230, 14.1530



3.4880, -4.3100, 1.0180

Previews

White Background



This preview shows how the YIQ color 122.3990, 29.2530, -7.0270 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 122.3990, 29.2530, -7.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

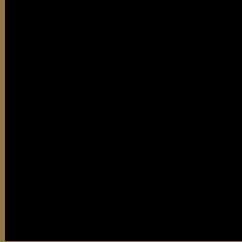
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.3990, 29.2530, -7.0270

Background



This preview shows how black text looks on a background with the YIQ color 122.3990, 29.2530, -7.0270.



This preview shows how white text looks on a background with the YIQ color 122.3990, 29.2530,

-7.0270.

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

122.3990, 29.2530, -7.0270

Protanopia

121.3870, 20.3590, -11.0410

Deuteranopia

122.7090, 31.3160, -5.8680



Tritanopia

125.0890, 19.1630, 10.6430

Trichromacy



Original Color

122.3990, 29.2530, -7.0270

Protanomaly

121.8820, 23.3390, -9.9810

Deuteranomaly

122.4100, 30.7200, -6.0800

Tritanomaly

124.1400, 23.1530, 4.4090

Monochromacy



Original Color

122.3990, 29.2530, -7.0270

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2800, 10.7750, -2.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.3990, 29.2530, -7.0270 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(146, 119, 78)` looks like.

```
.text, #text, p{  
    color:rgb(146, 119, 78)  
}
```

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(146, 119, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 119, 78) }
```

Border

The CSS property to change the border of an element to YIQ 122.3990, 29.2530, -7.0270 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(146, 119, 78) }
```


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

```
.border{ border-color:rgb(146, 119, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 119, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 119, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 119, 78);  
box-shadow:4px 4px 4px 4px rgb(146, 119,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 122.3990, 29.2530, -7.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 119, 78) }
```

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

```
.background{ background-color: rgb(146,  
119, 78) }
```

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