

Converting Colors

YIQ(99.7030, 32.5940, 26.0500)

Have a look what the booklet for
YIQ(99.7030, 32.5940, 26.0500)
contains.

YIQ(99.7030, 32.5940, 26.0500)	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(99.7030, 32.5940,
26.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	934A6C
RGB	147, 74, 108
RGB Percent	58%, 29%, 42%
CMY	0.4233, 0.7099, 0.5764
CMYK	0.00, 0.50, 0.27, 0.42
HSL	332°, 33%, 43%
HSV	332°, 50%, 58%
XYZ	17.1964, 12.1844, 15.6402
YIQ	99.7030, 32.5940, 26.0500

Conversions

Conversions Part 2

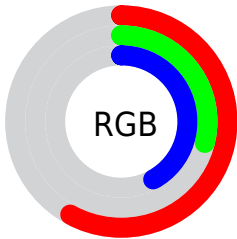
Format	Color
R_{YB}	147, 74, 108
Decimal	9652844
CIE _{Lab}	41.51, 34.92, -5.59
CIE _{LCh}	42, 35.361, 350.902
Yxy	12.1844, 0.3820, 0.2706
Android (android.graphics.Color)	4287842924 (0xFF934A6C)
YUV	99.7030, 4.0904, 41.4795
Hunter-Lab	34.9061, 26.8520, -2.1314

Details

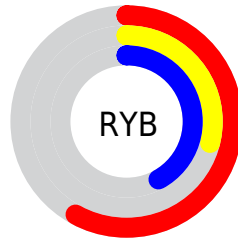
The YIQ color **99.7030, 32.5940, 26.0500** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **121.2970, -32.5940, -26.0500**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.1980, 35.5740, 27.1100**, and **49.7350, 29.5680, 25.8240** is the 20% darker color. If you saturate the color by 10%, you get **89.9860, 39.2870, 31.4070**, and if you desaturate by 10%, it is **109.4200, 25.9010, 20.6930**.

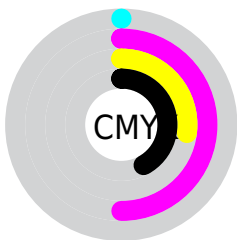
Distribution



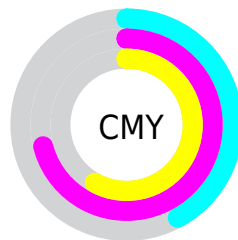
- Red (58%)
- Green (29%)
- Blue (42%)



- Red (58%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7030, 32.5940, 26.0500 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 99.7030, 32.5940, 26.0500 by changing the saturation by 10% instead.

■ 99.7030, 32.5940,
26.0500

■ 99.7030, 32.5940,
26.0500

■ 255.0000, -0.0000,
-0.0000

■ 74.2190, 31.0810,
25.9370

■ 152.1980, 35.5740,
27.1100

■ 49.1480, 29.8430,
26.3470

■ 179.2090, 37.0410,
28.0570

■ 24.7780, 28.0090,
26.5450

■ 205.7140, 34.0610,
26.9970

■ 15.9200, 21.3170,
15.6610

■ 225.3420, 17.3730,
21.0610

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.5000,
10.4600

■ 99.7030, 32.5940,
26.0500

■ 99.7030, 32.5940,
26.0500

■ 89.9860, 39.2870,
31.4070

■ 109.4200, 25.9010,
20.6930

■ 80.8560, 45.7050,
36.2410

■ 118.5500, 19.4830,
15.8590

■ 71.1390, 52.3980,
41.5980

■ 128.2670, 12.7900,
10.5020

■ 61.5360, 58.7700,
47.2660

■ 137.8700, 6.4180,
4.8340

■ 51.8190, 65.4630,
52.6230


■ 147.0000, -0.0000,
0.0000

■ 156.7170, -6.6930,
-5.3570

■ 166.4340,
-13.3860, -10.7140

■ 176.1510,

-20.0790, -16.0710

 185.2810,
-26.4970, -20.9050

Harmonies

Analogous

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



100.8990, 8.6150, 25.5990



99.7030, 32.5940, 26.0500



97.8920, 44.8830, 18.0910

Triad

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



99.7030, 32.5940, 26.0500



93.5400, 15.1340, -20.9780



80.7580, -75.8320, -13.3680

Complementary

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



99.7030, 32.5940, 26.0500



121.2970, -32.5940, -26.0500

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.



79.1960, -68.6780, -21.8780



99.7030, 32.5940, 26.0500



88.7630, -13.4750, -25.6270

Square

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



99.7030, 32.5940, 26.0500



95.5150, 34.6180, -10.6460



75.7760, -59.0480, -31.2080



78.7180, -78.3550, -6.1870

Rectangle

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



99.7030, 32.5940, 26.0500



97.2800, 46.3060, 8.8180



75.7760, -59.0480, -31.2080



80.5470, -73.8600, -16.0680

Sweetspot

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



99.7030, 32.5940, 26.0500



172.8540, 12.5150, 9.9790



93.9830, -0.1890, 30.9710



85.4080, 7.8390, 6.6150



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



99.7030, 32.5940, 26.0500



117.1280, 50.9310, 40.6510



97.0010, 42.9580, 14.4300



69.4350, 3.2090, 2.4170



48.5580, 61.7040, 49.1600



3.5600, 4.3550, 3.6750

Inverse Universe

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



99.7030, 32.5940, 26.0500



117.1280, 50.9310, 40.6510



123.9990, -42.9580, -14.4300



69.4350, 3.2090, 2.4170



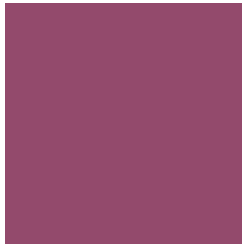
48.5580, 61.7040, 49.1600



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 99.7030, 32.5940, 26.0500 looks on a white background.

Color Contrast Check

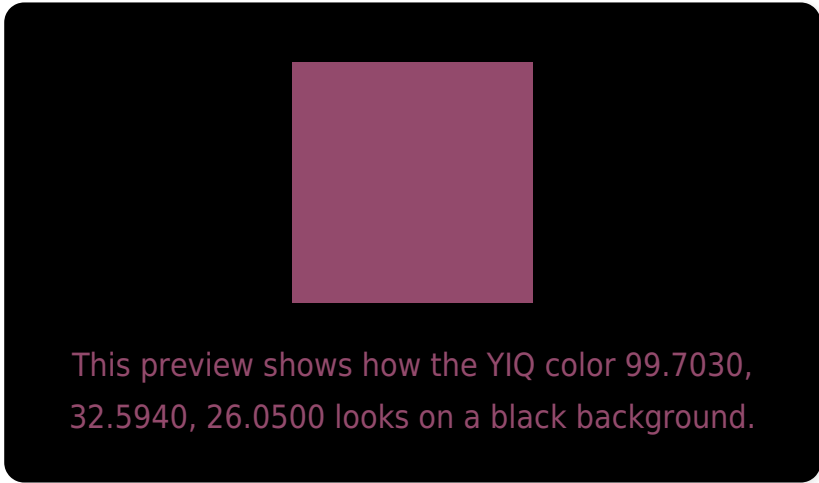
Large Text (above 18pt) WCAG AA ✓ Pass

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

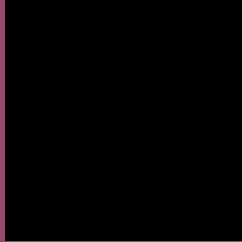
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7030, 32.5940, 26.0500

Background



This preview shows how black text looks on a background with the YIQ color 99.7030, 32.5940, 26.0500.



This preview shows how white text looks on a background with the YIQ color 99.7030, 32.5940,

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

99.7030, 32.5940, 26.0500

Protanopia

98.4690, -11.3260, 7.0260

Deuteranopia

99.6030, 2.7960, 4.3960



Tritanopia

99.3040, 37.7310, 15.5470

Trichromacy



Original Color

99.7030, 32.5940, 26.0500

Protanomaly

99.1830, 4.3990, 13.8950

Deuteranomaly

99.5060, 13.6150, 12.0710

Tritanomaly

99.4550, 35.9880, 19.6040

Monochromacy



Original Color

99.7030, 32.5940, 26.0500

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.1420, 11.6440, 9.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7030, 32.5940, 26.0500 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(147, 74, 108)` looks like.

```
.text, #text, p{  
    color:rgb(147, 74, 108)  
}
```

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(147, 74, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 74, 108) }
```

Border

The CSS property to change the border of an element to YIQ 99.7030, 32.5940, 26.0500 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(147, 74, 108) }
```


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

```
.border{ border-color:rgb(147, 74, 108) }
```

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

Here you see how a box with a 4 pixel rgb(147, 74, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 74, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 74, 108);  
box-shadow:4px 4px 4px 4px rgb(147, 74,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7030, 32.5940, 26.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 74, 108) }
```

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

```
.background{ background-color: rgb(147, 74,  
108) }
```

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