

Converting Colors

YIQ(103.2730, 30.9890, 27.6050)

Have a look what the booklet for
YIQ(103.2730, 30.9890, 27.6050)
contains.

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Color

**YIQ(103.2730, 30.9890,
27.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	964D74
RGB	150, 77, 116
RGB Percent	59%, 30%, 45%
CMY	0.4116, 0.6981, 0.5450
CMYK	0.00, 0.49, 0.23, 0.41
HSL	328°, 32%, 45%
HSV	328°, 49%, 59%
XYZ	18.3925, 13.0538, 18.0805
YIQ	103.2730, 30.9890, 27.6050

Conversions

Conversions Part 2

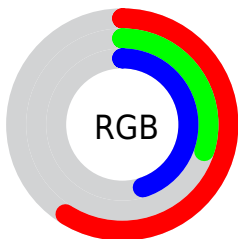
Format	Color
R_{YB}	150, 77, 116
Decimal	9850228
CIE Lab	42.84, 35.56, -8.47
CIE LCh	43, 36.560, 346.599
Yxy	13.0538, 0.3714, 0.2636
Android (android.graphics.Color)	4288040308 (0xFF964D74)
YUV	103.2730, 6.2744, 40.9796
Hunter-Lab	36.1300, 27.6402, -4.3793

Details

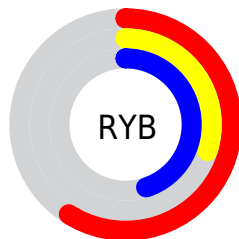
The YIQ color **103.2730, 30.9890, 27.6050** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **123.7270, -30.9890, -27.6050**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8820, 33.6480, 28.9760**, and **52.6040, 28.5590, 27.5910** is the 20% darker color. If you saturate the color by 10%, you get **93.6700, 37.3610, 33.2730**, and if you desaturate by 10%, it is **112.8760, 24.6170, 21.9370**.

Distribution



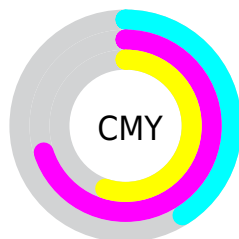
- Red (59%)
- Green (30%)
- Blue (45%)



- Red (59%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (23%)
- Black (41%)





- Cyan (41%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.2730, 30.9890, 27.6050 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 103.2730, 30.9890, 27.6050 by changing the saturation by 10% instead.


 103.2730, 30.9890,
27.6050


 103.2730, 30.9890,
27.6050


255.0000, -0.0000,
-0.0000


 77.6750, 29.7970,
27.1810


 155.8820, 33.6480,
28.9760


 52.6040, 28.5590,
27.5910


 183.4800, 34.8400,
29.4000


 26.4730, 27.5500,
29.3580

 208.5010, 30.3470,
28.2270

 17.2020, 20.5830,
17.9510

 228.2430, 13.3380,
22.6020

 3.5880, 7.1520,
2.5440

 245.6080, 4.4000,
8.3680

 0.0000, 0.0000,
0.0000

■ 103.2730, 30.9890,
27.6050

■ 103.2730, 30.9890,
27.6050

■ 93.6700, 37.3610,
33.2730

■ 112.8760, 24.6170,
21.9370

■ 84.0670, 43.7330,
38.9410

■ 122.4790, 18.2450,
16.2690

■ 74.4640, 50.1050,
44.6090

■ 132.0820, 11.8730,
10.6010

■ 64.8610, 56.4770,
50.2770

■ 141.6850, 5.5010,
4.9330

■ 55.2580, 62.8490,
55.9450

■ 151.2880, -0.8710,
-0.7350


■ 53.9700, 63.7200,
56.6800

■ 160.8910, -7.2430,
-6.4030

■ 170.4940,
-13.6150, -12.0710

■ 180.0970,

-19.9870, -17.7390

 189.7000,
-26.3590, -23.4070

Harmonies

Analogous

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



104.7460, 4.6720, 25.4720



103.2730, 30.9890, 27.6050



101.6580, 45.6620, 20.4940

Triad

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



103.2730, 30.9890, 27.6050



96.6930, 19.0770, -20.8510



83.3340, -77.5740, -14.8380

Complementary

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



103.2730, 30.9890, 27.6050



123.7270, -30.9890, -27.6050

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.



81.4300, -69.4570, -24.2810



103.2730, 30.9890, 27.6050



92.6880, -8.8900, -26.1220

Square

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



103.2730, 30.9890, 27.6050



99.3090, 38.1940, -9.3740



77.6080, -58.6350, -33.1870



81.6360, -81.0600, -6.7240

Rectangle

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



103.2730, 30.9890, 27.6050



100.6440, 48.2770, 11.6450



77.6080, -58.6350, -33.1870



83.0090, -75.2810, -17.8490

Sweetspot

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



103.2730, 30.9890, 27.6050



175.3810, 12.4690, 10.8130



95.1890, -3.7650, 29.6990



85.5220, 7.5180, 6.9260



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.



103.2730, 30.9890, 27.6050



121.6270, 48.0880, 42.6160



99.2830, 42.2240, 16.7200



69.5490, 2.8880, 2.7280



49.6980, 58.4940, 52.2700



3.5600, 4.3550, 3.6750

Inverse Universe

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



103.2730, 30.9890, 27.6050



121.6270, 48.0880, 42.6160



127.7170, -42.2240, -16.7200



69.5490, 2.8880, 2.7280



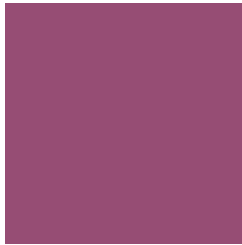
49.6980, 58.4940, 52.2700



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 103.2730, 30.9890, 27.6050 looks on a white background.

Color Contrast Check

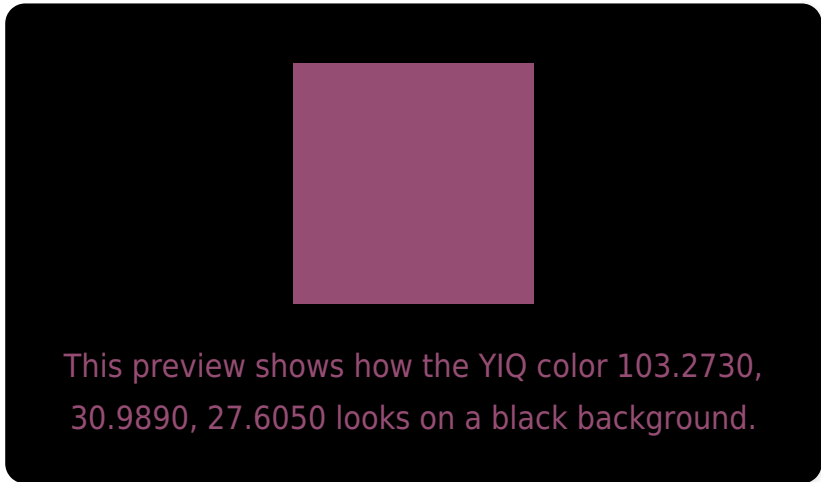
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.2730, 30.9890, 27.6050

Background



This preview shows how black text looks on a background with the YIQ color 103.2730, 30.9890, 27.6050.



This preview shows how white text looks on a background with the YIQ color 103.2730, 30.9890,

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

103.2730, 30.9890, 27.6050

Protanopia

102.1420, -14.7190, 7.9450

Deuteranopia

102.8740, 0.5950, 5.7390



Tritanopia

102.8200, 36.2180, 15.4340

Trichromacy



Original Color

103.2730, 30.9890, 27.6050

Protanomaly

102.4540, 2.1980, 15.2380

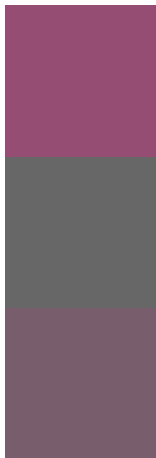
Deuteranomaly

103.0760, 12.0100, 13.6260

Tritanomaly

103.0850, 34.1540, 19.8020

Monochromacy



Original Color

103.2730, 30.9890, 27.6050

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3700, 11.0020, 9.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.2730, 30.9890, 27.6050 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(150, 77, 116)` looks like.

```
.text, #text, p{  
    color:rgb(150, 77, 116)  
}
```

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(150, 77, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 77, 116) }
```

Border

The CSS property to change the border of an element to YIQ 103.2730, 30.9890, 27.6050 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(150, 77, 116) }
```


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

```
.border{ border-color:rgb(150, 77, 116) }
```

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

Here you see how a box with a 4 pixel rgb(150, 77, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 77, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 77, 116);  
box-shadow:4px 4px 4px 4px rgb(150, 77,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 103.2730, 30.9890, 27.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 77, 116) }
```

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

```
.background{ background-color: rgb(150, 77,  
116) }
```

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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