

Converting Colors

YIQ(103.4940, 32.2250, 38.2490)

Have a look what the booklet for
YIQ(103.4940, 32.2250, 38.2490)
contains.

YIQ(103.4940, 32.2250, 38.2490)	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(103.4940, 32.2250,
38.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4685
RGB	158, 70, 133
RGB Percent	62%, 27%, 52%
CMY	0.3801, 0.7256, 0.4784
CMYK	0.00, 0.56, 0.16, 0.38
HSL	317°, 39%, 45%
HSV	317°, 56%, 62%
XYZ	20.5359, 13.3453, 23.6911
YIQ	103.4940, 32.2250, 38.2490

Conversions

Conversions Part 2

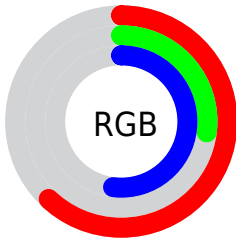
Format	Color
R_{YB}	158, 70, 133
Decimal	10372741
CIE _{Lab}	43.28, 44.52, -18.09
CIE _{LCh}	43, 48.050, 337.887
Yxy	13.3453, 0.3567, 0.2318
Android (android.graphics.Color)	4288562821 (0xFF9E4685)
YUV	103.4940, 14.5465, 47.8018
Hunter-Lab	36.5312, 36.4139, -12.8789

Details

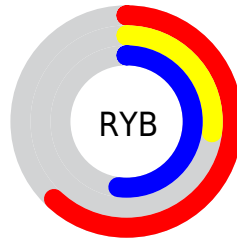
The YIQ color **103.4940, 32.2250, 38.2490** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **124.5060, -32.2250, -38.2490**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1030, 34.8840, 39.6200**, and **48.7760, 31.4910, 40.5390** is the 20% darker color. If you saturate the color by 10%, you get **93.6460, 37.9090, 45.3730**, and if you desaturate by 10%, it is **113.4560, 26.2200, 31.4360**.

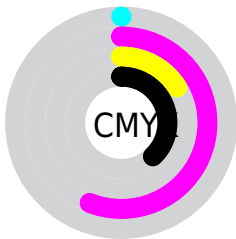
Distribution



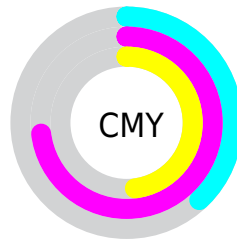
- Red (62%)
- Green (27%)
- Blue (52%)



- Red (62%)
- Yellow (27%)
- Blue (52%)



- Cyan (0%)
- Magenta (56%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.4940, 32.2250, 38.2490 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 103.4940, 32.2250, 38.2490 by changing the saturation by 10% instead.


 103.4940, 32.2250,
38.2490


 103.4940, 32.2250,
38.2490


255.0000, -0.0000,
-0.0000


 77.3090, 31.3080,
38.3480


 157.1030, 34.8840,
39.6200

 48.7760, 31.4910,
40.5390


 184.8150, 35.7550,
40.3550

 30.1620, 27.2280,
35.1960

 207.7320, 25.6230,
36.7510

 20.4780, 19.9860,
23.2660

 225.6500, 13.7500,
26.1500

 9.5980, 10.3600,
10.4880

 242.0860, 6.0500,
11.5060

 0.0000, 0.0000,
0.0000

103.4940, 32.2250,
38.2490

103.4940, 32.2250,
38.2490

93.6460, 37.9090,
45.3730

113.4560, 26.2200,
31.4360

83.6840, 43.9140,
52.1860

123.3040, 20.5360,
24.3120

74.4230, 49.3230,
58.7870

132.6790, 14.8060,
18.0220

64.4610, 55.3280,
65.6000

142.5270, 9.1220,
10.8980

60.1240, 57.8950,
68.6390


152.3750, 3.4380,
3.7740

162.3370, -2.5670,
-3.0390

172.1850, -8.2510,
-10.1630

181.5600,

-13.9810, -16.4530

 191.4080,
-19.6650, -23.5770

Harmonies

Analogous

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



104.8620, -7.1580, 30.6180



103.4940, 32.2250, 38.2490



99.6090, 56.5260, 32.8620

Triad

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



103.4940, 32.2250, 38.2490



95.8610, 35.8590, -27.6370



87.5400, -81.1500, -16.1100

Complementary

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



103.4940, 32.2250, 38.2490



124.5060, -32.2250, -38.2490

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.



83.7950, -69.2270, -28.4510



103.4940, 32.2250, 38.2490



91.7240, -0.5440, -34.2080

Square

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



103.4940, 32.2250, 38.2490



98.6330, 54.8370, -8.1310



77.9470, -55.5160, -40.1560



86.9820, -87.8460, -4.8860

Rectangle

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



103.4940, 32.2250, 38.2490



98.9820, 62.3050, 21.7370



77.9470, -55.5160, -40.1560



86.7590, -77.5730, -20.3650

Sweetspot

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



103.4940, 32.2250, 38.2490



184.7280, 13.1100, 15.7180



87.5070, -13.3480, 32.6680



91.9890, 7.7010, 9.1170



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.



103.4940, 32.2250, 38.2490



120.8470, 51.0650, 60.2570



98.4780, 46.3490, 24.5650



74.0760, 2.8420, 3.5620



54.3850, 52.4860, 62.0380



5.7390, 5.4090, 6.6010

Inverse Universe

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



103.4940, 32.2250, 38.2490



120.8470, 51.0650, 60.2570



129.5220, -46.3490, -24.5650



74.0760, 2.8420, 3.5620



54.3850, 52.4860, 62.0380



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 103.4940, 32.2250, 38.2490 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



This preview shows how the YIQ color 103.4940, 32.2250, 38.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

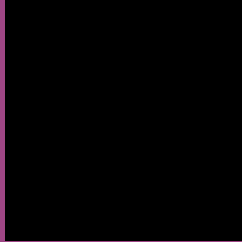
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.4940, 32.2250, 38.2490

Background



This preview shows how black text looks on a background with the YIQ color 103.4940, 32.2250, 38.2490.



This preview shows how white text looks on a background with the YIQ color 103.4940, 32.2250,

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

103.4940, 32.2250, 38.2490

Protanopia

102.0020, -28.7040, 13.6000

Deuteranopia

103.7790, -9.2630, 8.1850



Tritanopia

103.2120, 40.9860, 17.1300

Trichromacy



Original Color

103.4940, 32.2250, 38.2490

Protanomaly

102.5920, -6.6980, 22.2780

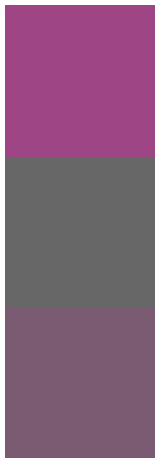
Deuteranomaly

103.8290, 5.6360, 19.0120

Tritanomaly

103.4000, 37.8210, 24.9330

Monochromacy



Original Color

103.4940, 32.2250, 38.2490

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.1900, 11.6890, 13.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.4940, 32.2250, 38.2490 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, 70, 133)` looks like.

```
.text, #text, p{  
    color:rgb(158, 70, 133)  
}
```

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, 70, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 70, 133) }
```

Border

The CSS property to change the border of an element to YIQ 103.4940, 32.2250, 38.2490 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, 70, 133) }
```


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

```
.border{ border-color:rgb(158, 70, 133) }
```

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

Here you see how a box with a 4 pixel rgb(158, 70, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 70, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 70, 133);  
box-shadow:4px 4px 4px 4px rgb(158, 70,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 103.4940, 32.2250, 38.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 70, 133) }
```

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

```
.background{ background-color: rgb(158, 70,  
133) }
```

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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