

Converting Colors

YIQ(93.3280, 38.3240, 32.3400)

Have a look what the booklet for
YIQ(93.3280, 38.3240, 32.3400)
contains.

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Color

**YIQ(93.3280, 38.3240,
32.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	963E6A
RGB	150, 62, 106
RGB Percent	59%, 24%, 42%
CMY	0.4115, 0.7570, 0.5842
CMYK	0.00, 0.59, 0.29, 0.41
HSL	330°, 42%, 42%
HSV	330°, 59%, 59%
XYZ	16.9125, 10.9722, 14.8703
YIQ	93.3280, 38.3240, 32.3400

Conversions

Conversions Part 2

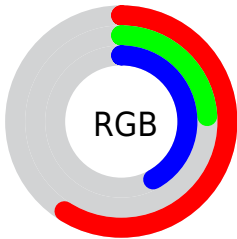
Format	Color
R_{YB}	150, 62, 106
Decimal	9846378
CIE _{Lab}	39.53, 41.86, -7.25
CIE _{LCh}	40, 42.482, 350.177
Yxy	10.9722, 0.3956, 0.2566
Android (android.graphics.Color)	4288036458 (0xFF963E6A)
YUV	93.3280, 6.2473, 49.7013
Hunter-Lab	33.1244, 33.1701, -3.4297

Details

The YIQ color **93.3280, 38.3240, 32.3400** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **118.6720, -38.3240, -32.3400**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.7090, 41.6250, 33.0890**, and **37.7780, 37.1770, 36.6090** is the 20% darker color. If you saturate the color by 10%, you get **83.7250, 44.6960, 38.0080**, and if you desaturate by 10%, it is **103.0450, 31.6310, 26.9830**.

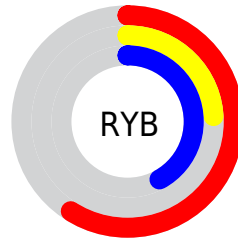
Distribution



Red (59%)

Green (24%)

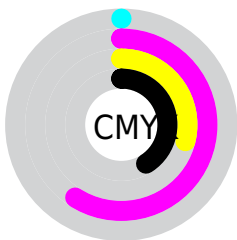
Blue (42%)



Red (59%)

Yellow (24%)

Blue (42%)

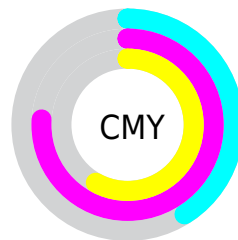


Cyan (0%)

Magenta (59%)

Yellow (29%)

Black (41%)



Cyan (41%)


Magenta (76%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.3280, 38.3240, 32.3400 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 93.3280, 38.3240, 32.3400 by changing the saturation by 10% instead.


 93.3280, 38.3240,
32.3400

 93.3280, 38.3240,
32.3400


255.0000, -0.0000,
-0.0000


 67.2570, 37.0860,
32.7500


 146.7090, 41.6250,
33.0890


 37.7780, 37.1770,
36.6090

 173.7200, 43.0920,
34.0360

 25.1480, 29.8430,
26.3470

 198.4420, 38.0030,
32.6510

 16.1760, 23.4720,
15.1520

 218.0700, 21.3150,
26.7150

 0.0000, 0.0000,
0.0000

 236.8030, 8.5250,
16.2130

253.8260, 0.5500,

1.0460

■ 93.3280, 38.3240,
32.3400

■ 93.3280, 38.3240,
32.3400

■ 83.7250, 44.6960,
38.0080

■ 103.0450, 31.6310,
26.9830

■ 74.0080, 51.3890,
43.3650

■ 112.6480, 25.2590,
21.3150

■ 64.4050, 57.7610,
49.0330

■ 122.3650, 18.5660,
15.9580

■ 54.6880, 64.4540,
54.3900

■ 131.9680, 12.1940,
10.2900

■ 53.4000, 65.3250,
55.1250

■ 141.6850, 5.5010,
4.9330

■ 151.2880, -0.8710,
-0.7350

■ 161.0050, -7.5640,
-6.0920

■ 170.6080,
-13.9360, -11.7600

■ 180.3250,
-20.6290, -17.1170

Harmonies

Analogous

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



96.2460, 9.2560, 30.5040



93.3280, 38.3240, 32.3400



91.1320, 53.1350, 22.7270

Triad

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



93.3280, 38.3240, 32.3400



86.5310, 19.3530, -25.8550



79.4530, -76.2910, -10.5550

Complementary

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



93.3280, 38.3240, 32.3400



118.6720, -38.3240, -32.3400

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.



77.7940, -67.4860, -21.4540



93.3280, 38.3240, 32.3400



80.6330, -16.2250, -30.8570

Square

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



93.3280, 38.3240, 32.3400



89.4140, 42.0920, -13.9400



73.1030, -55.6550, -32.1270



77.0540, -79.1810, -2.2290

Rectangle

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



93.3280, 38.3240, 32.3400



91.0530, 54.3750, 11.2630



73.1030, -55.6550, -32.1270



79.0140, -73.6770, -13.8770

Sweetspot

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



93.3280, 38.3240, 32.3400



173.5170, 15.0820, 13.0180



84.8890, -2.6200, 36.4840



85.5330, 8.9850, 7.8730



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



93.3280, 38.3240, 32.3400



107.8290, 59.5030, 50.5030



88.4260, 52.1270, 18.9670



69.4350, 3.2090, 2.4170



49.1280, 60.0990, 50.7150



3.5600, 4.3550, 3.6750

Inverse Universe

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



93.3280, 38.3240, 32.3400



107.8290, 59.5030, 50.5030



123.5740, -52.1270, -18.9670



69.4350, 3.2090, 2.4170



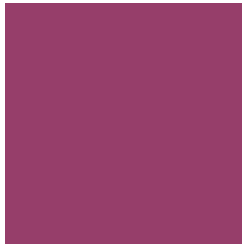
49.1280, 60.0990, 50.7150



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 93.3280, 38.3240, 32.3400 looks on a white background.

Color Contrast Check

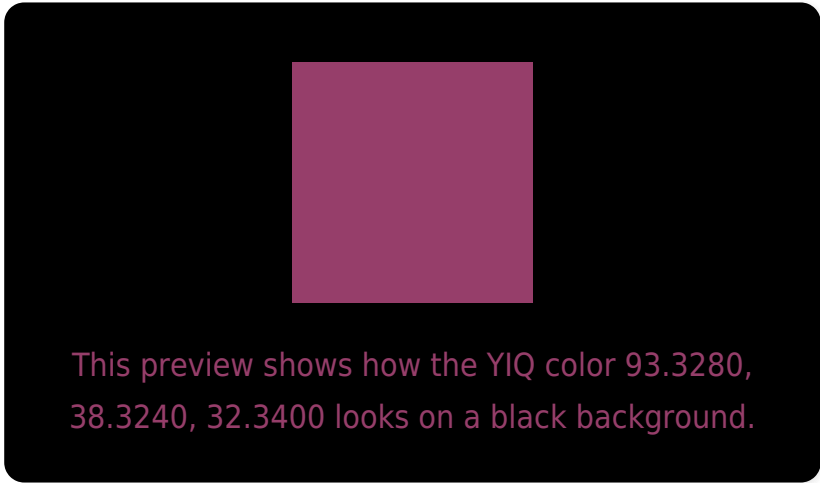
Large Text (above 18pt) WCAG AA ✓ Pass

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

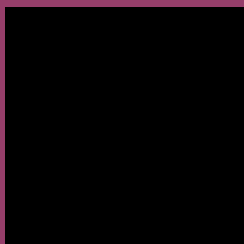
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.3280, 38.3240, 32.3400

Background



This preview shows how black text looks on a background with the YIQ color 93.3280, 38.3240, 32.3400.



This preview shows how white text looks on a background with the YIQ color 93.3280, 38.3240,

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

93.3280, 38.3240, 32.3400

Protanopia

94.1850, -16.2780, 8.6660

Deuteranopia

94.5320, 1.5580, 4.8060



Tritanopia

92.8920, 44.8830, 18.0910

Trichromacy



Original Color

93.3280, 38.3240, 32.3400

Protanomaly

93.9920, 3.6190, 17.0190

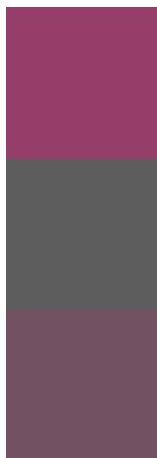
Deuteranomaly

93.9840, 15.2650, 15.2090

Tritanomaly

92.7980, 42.4520, 23.6040

Monochromacy



Original Color

93.3280, 38.3240, 32.3400

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.3920, 13.9360, 11.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.3280, 38.3240, 32.3400 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, 62, 106)` looks like.

```
.text, #text, p{  
    color:rgb(150, 62, 106)  
}
```

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, 62, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 62, 106) }
```

Border

The CSS property to change the border of an element to YIQ 93.3280, 38.3240, 32.3400 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, 62, 106) }
```


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

```
.border{ border-color:rgb(150, 62, 106) }
```

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

Here you see how a box with a 4 pixel rgb(150, 62, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 62, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 62, 106);  
box-shadow:4px 4px 4px 4px rgb(150, 62,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 93.3280, 38.3240, 32.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 62, 106) }
```

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

```
.background{ background-color: rgb(150, 62,  
106) }
```

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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