

Converting Colors

YIQ(103.4330, 50.2490, 8.9450)

Have a look what the booklet for
YIQ(103.4330, 50.2490, 8.9450)
contains.

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Color

**YIQ(103.4330, 50.2490,
8.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	9D543F
RGB	157, 84, 63
RGB Percent	62%, 33%, 25%
CMY	0.3842, 0.6707, 0.7527
CMYK	0.00, 0.47, 0.60, 0.38
HSL	13°, 43%, 43%
HSV	13°, 60%, 62%
XYZ	17.9793, 13.8676, 6.4398
YIQ	103.4330, 50.2490, 8.9450

Conversions

Conversions Part 2

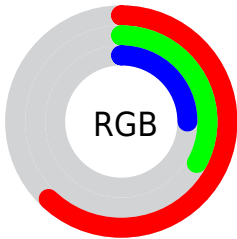
Format	Color
R_{YB}	157, 90, 63
Decimal	10310719
CIE Lab	44.04, 28.22, 25.60
CIE LCh	44, 38.099, 42.213
Yxy	13.8676, 0.4696, 0.3622
Android (android.graphics.Color)	4288500799 (0xFF9D543F)
YUV	103.4330, -19.9335, 46.9783
Hunter-Lab	37.2392, 21.0122, 15.8144

Details

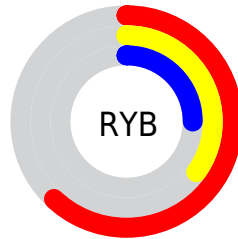
The YIQ color **103.4330, 50.2490, 8.9450** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **116.5670, -50.2490, -8.9450**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.1840, 55.3840, 9.4960**, and **53.6110, 43.8760, 8.8040** is the 20% darker color. If you saturate the color by 10%, you get **94.5650, 58.6850, 10.2450**, and if you desaturate by 10%, it is **112.3010, 41.8130, 7.6450**.

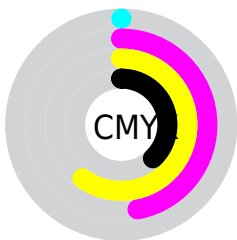
Distribution



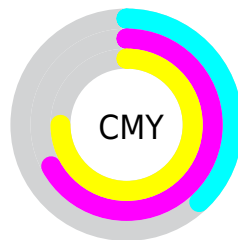
- Red (62%)
- Green (33%)
- Blue (25%)



- Red (62%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (60%)
- Black (38%)





- Cyan (38%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.4330, 50.2490, 8.9450 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 103.4330, 50.2490, 8.9450 by changing the saturation by 10% instead.


 103.4330, 50.2490,
8.9450


 103.4330, 50.2490,
8.9450


255.0000, -0.0000,
-0.0000

 78.4650, 47.2230,
8.7190


 156.1840, 55.3840,
9.4960


 53.6110, 43.8760,
8.8040


 183.3800, 57.7680,
10.3440


 29.4690, 41.4000,
9.6240

 205.7700, 47.6820,
5.9060

 14.6510, 29.2040,
10.3880

 225.2840, 31.3150,
-0.3410

 2.0930, 4.1720,
1.4840

 244.9120, 14.6270,
-6.2770

 0.0000, 0.0000,
0.0000

 254.0880, 2.5680,

-2.4880

■ 103.4330, 50.2490,
8.9450

■ 103.4330, 50.2490,
8.9450

■ 94.5650, 58.6850,
10.2450

■ 112.3010, 41.8130,
7.6450

■ 85.8110, 66.8000,
11.8560

■ 121.0550, 33.6980,
6.0340

■ 76.3560, 75.5110,
13.6790

■ 130.5100, 24.9870,
4.2110

■ 67.4880, 83.9470,
14.9790

■ 139.3780, 16.5510,
2.9110

■ 148.2460, 8.1150,
1.6110

■ 157.0000, 0.0000,
-0.0000

■ 165.8680, -8.4360,
-1.3000

■ 175.3230,
-17.1470, -3.1230

■ 184.0770,
-25.2620, -4.7340

Harmonies

Analogous

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



104.4240, 46.4410, 22.8970



103.4330, 50.2490, 8.9450



102.5160, 42.0450, -7.5790

Triad

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



103.4330, 50.2490, 8.9450



84.5120, -49.5570, -32.5090



101.2120, -38.1030, 13.2330

Complementary

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



103.4330, 50.2490, 8.9450



116.5670, -50.2490, -8.9450

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.



85.0270, -83.7190, -8.0950



103.4330, 50.2490, 8.9450



83.6640, -70.2360, -26.6840

Square

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



103.4330, 50.2490, 8.9450



95.6130, -4.3050, -26.6170



85.9100, -79.3160, -16.3080



107.4080, -0.1880, 25.4440

Rectangle

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



103.4330, 50.2490, 8.9450



100.6730, 30.9970, -16.6110



85.9100, -79.3160, -16.3080



95.9000, -55.0200, 5.9400

Sweetspot

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



103.4330, 50.2490, 8.9450



182.7590, 19.8520, 3.6600



99.5420, 32.2700, 42.9420



89.5130, 11.7370, 2.0490



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



103.4330, 50.2490, 8.9450



120.3240, 78.5370, 13.9050



130.4350, 37.5990, -15.1130



74.5660, 4.2180, 0.6500



61.5410, 76.4280, 13.5800



6.2460, 8.1150, 1.6110

Inverse Universe

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



116.5670, -50.2490, -8.9450



140.6760, -78.5370, -13.9050



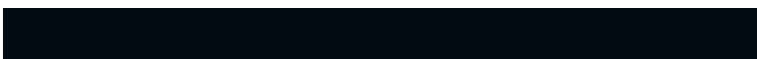
89.5650, -37.5990, 15.1130



75.4340, -4.2180, -0.6500



81.4590, -76.4280, -13.5800



8.7540, -8.1150, -1.6110

Previews

White Background



This preview shows how the YIQ color 103.4330, 50.2490, 8.9450 looks on a white background.

Color Contrast Check

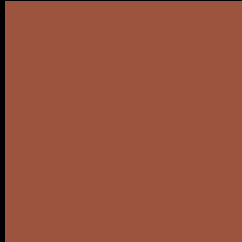
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4330, 50.2490, 8.9450 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 103.4330, 50.2490, 8.9450

Background



This preview shows how black text looks on a background with the YIQ color 103.4330, 50.2490, 8.9450.



This preview shows how white text looks on a background with the YIQ color 103.4330, 50.2490,

8.9450.

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

103.4330, 50.2490, 8.9450

Protanopia

103.5160, 15.6820, -8.8780

Deuteranopia

103.5130, 28.9320, -6.7160



Tritanopia

105.0060, 44.5620, 18.4020

Trichromacy



Original Color

103.4330, 50.2490, 8.9450

Protanomaly

103.2620, 28.3810, -2.2350

Deuteranomaly

103.3940, 36.8170, -0.9350

Tritanomaly

104.2680, 46.5800, 14.8680

Monochromacy



Original Color

103.4330, 50.2490, 8.9450

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.1610, 18.6600, 3.2360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.4330, 50.2490, 8.9450 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(157, 84, 63)` looks like.

```
.text, #text, p{  
    color:rgb(157, 84, 63)  
}
```

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(157, 84, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 84, 63) }
```

Border

The CSS property to change the border of an element to YIQ 103.4330, 50.2490, 8.9450 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(157, 84, 63) }
```


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

```
.border{ border-color:rgb(157, 84, 63) }
```

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

Here you see how a box with a 4 pixel rgb(157, 84, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 84, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 84, 63);  
box-shadow:4px 4px 4px 4px rgb(157, 84,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 103.4330, 50.2490, 8.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 84, 63) }
```

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

```
.background{ background-color: rgb(157, 84,  
63) }
```

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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