

Converting Colors

YIQ(90.0010, 34.9310, 33.2590)

Have a look what the booklet for
YIQ(90.0010, 34.9310, 33.2590)
contains.

YIQ(90.0010, 34.9310, 33.2590)	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(90.0010, 34.9310,
33.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	903B6C
RGB	144, 59, 108
RGB Percent	56%, 23%, 42%
CMY	0.4351, 0.7687, 0.5764
CMYK	0.00, 0.59, 0.25, 0.44
HSL	325°, 42%, 40%
HSV	325°, 59%, 56%
XYZ	15.7822, 10.1422, 15.3203
YIQ	90.0010, 34.9310, 33.2590

Conversions

Conversions Part 2

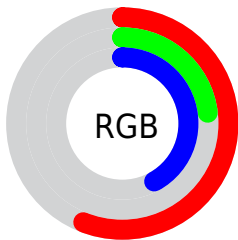
Format	Color
R_{YB}	144, 59, 108
Decimal	9452396
CIE _{Lab}	38.10, 41.64, -10.75
CIE _{LCh}	38, 43.011, 345.521
Yxy	10.1422, 0.3826, 0.2459
Android (android.graphics.Color)	4287642476 (0xFF903B6C)
YUV	90.0010, 8.8735, 47.3571
Hunter-Lab	31.8468, 32.7271, -6.2296

Details

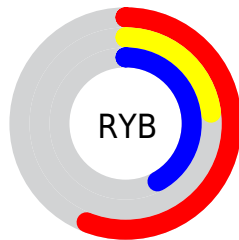
The YIQ color **90.0010, 34.9310, 33.2590** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.9990, -34.9310, -33.2590**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.4960, 37.9110, 34.3190**, and **33.8640, 34.0590, 38.0510** is the 20% darker color. If you saturate the color by 10%, you get **81.0990, 40.7070, 38.7150**, and if you desaturate by 10%, it is **98.9030, 29.1550, 27.8030**.

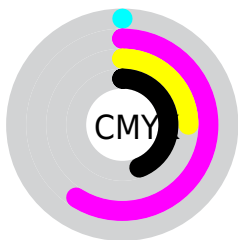
Distribution



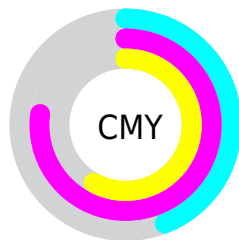
- Red (56%)
- Green (23%)
- Blue (42%)



- Red (56%)
- Yellow (23%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (25%)
- Black (44%)




- Cyan (44%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.0010, 34.9310, 33.2590 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 90.0010, 34.9310, 33.2590 by changing the saturation by 10% instead.


 90.0010, 34.9310,
33.2590


 90.0010, 34.9310,
33.2590


255.0000, -0.0000,
-0.0000


 63.9300, 33.6930,
33.6690


 142.4960, 37.9110,
34.3190


 34.1630, 34.6550,
38.2630

 170.0940, 39.1030,
34.7430


 23.8810, 26.2210,
25.9090

 196.9090, 38.1860,
34.8420

 14.9090, 19.8500,
14.7140

 216.6510, 21.1770,
29.2170

 0.0000, 0.0000,
0.0000

 234.4550, 9.6250,
18.3050

 251.4780, 1.6500,

3.1380

■ 90.0010, 34.9310,
33.2590

■ 90.0010, 34.9310,
33.2590

■ 81.0990, 40.7070,
38.7150

■ 98.9030, 29.1550,
27.8030

■ 71.6100, 46.7580,
44.6940

■ 108.3920, 23.1040,
21.8240

■ 62.7080, 52.5340,
50.1500

■ 117.2940, 17.3280,
16.3680

■ 53.2190, 58.5850,
56.1290

■ 126.7830, 11.2770,
10.3890

■ 52.5180, 59.1810,
56.3410

■ 135.7990, 5.1800,
5.2440

■ 144.7010, -0.5960,
-0.2120

■ 154.1900, -6.6470,
-6.1910

■ 163.0920,
-12.4230, -11.6470

■ 172.5810,
-18.4740, -17.6260

Harmonies

Analogous

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



92.1960, 3.5250, 29.7410



90.0010, 34.9310, 33.2590



87.5280, 52.0800, 25.3280

Triad

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



90.0010, 34.9310, 33.2590



83.5700, 23.6170, -26.0390



76.8940, -73.2190, -11.1630

Complementary

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



90.0010, 34.9310, 33.2590



112.9990, -34.9310, -33.2590

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.



74.4200, -63.4970, -22.1610



90.0010, 34.9310, 33.2590



78.5690, -10.1730, -30.4050

Square

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



90.0010, 34.9310, 33.2590



86.1370, 44.4300, -12.2580



69.7290, -51.6660, -32.8340



75.4240, -77.3470, -2.4270

Rectangle

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



90.0010, 34.9310, 33.2590



87.0470, 54.5120, 14.2880



69.7290, -51.6660, -32.8340



76.3410, -70.2840, -14.7960

Sweetspot

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



90.0010, 34.9310, 33.2590



165.0330, 13.5690, 12.9050



79.1550, -6.4250, 33.8550



81.3480, 8.0680, 7.9720



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



90.0010, 34.9310, 33.2590



102.1320, 54.2760, 51.6200



85.2130, 48.4130, 20.1970



66.5490, 2.8880, 2.7280



49.2570, 55.4220, 52.8780



2.8480, 3.4840, 2.9400

Inverse Universe

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



90.0010, 34.9310, 33.2590



102.1320, 54.2760, 51.6200



117.7870, -48.4130, -20.1970



66.5490, 2.8880, 2.7280



49.2570, 55.4220, 52.8780



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 90.0010, 34.9310, 33.2590 looks on a white background.

Color Contrast Check

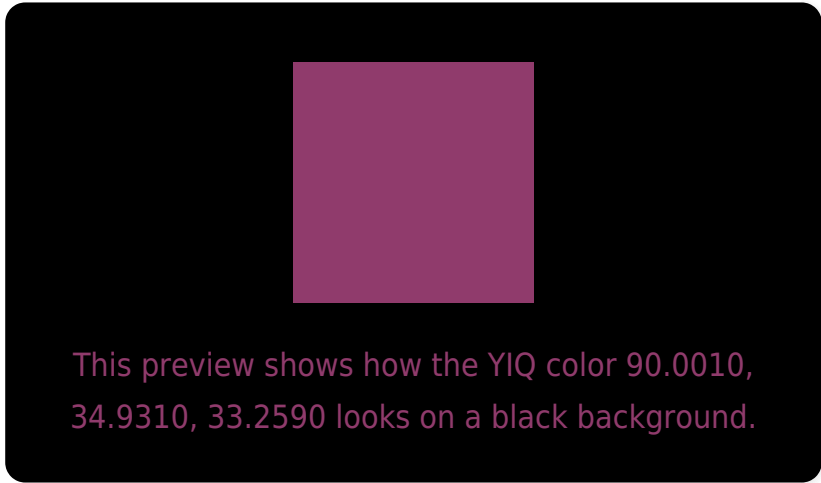
Large Text (above 18pt) WCAG AA ✓ Pass

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

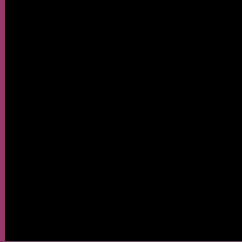
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.0010, 34.9310, 33.2590

Background



This preview shows how black text looks on a background with the YIQ color 90.0010, 34.9310, 33.2590.



This preview shows how white text looks on a background with the YIQ color 90.0010, 34.9310,

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

90.0010, 34.9310, 33.2590

Protanopia

90.3850, -19.7170, 10.4190

Deuteranopia

91.2050, -1.8350, 5.7250



Tritanopia

89.6960, 42.4990, 17.2430

Trichromacy



Original Color

90.0010, 34.9310, 33.2590

Protanomaly

90.1920, 0.1800, 18.7720

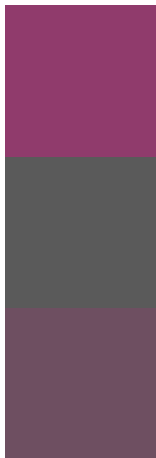
Deuteranomaly

90.6570, 11.8720, 16.1280

Tritanomaly

89.7160, 39.7470, 23.0670

Monochromacy



Original Color

90.0010, 34.9310, 33.2590

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.3210, 12.6980, 12.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.0010, 34.9310, 33.2590 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(144, 59, 108)` looks like.

```
.text, #text, p{  
    color:rgb(144, 59, 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(144, 59, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 59, 108) }
```

Border

The CSS property to change the border of an element to YIQ 90.0010, 34.9310, 33.2590 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(144, 59, 108) }
```


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

```
.border{ border-color:rgb(144, 59, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 59, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 59, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 59, 108); box-shadow:4px 4px 4px 4px rgb(144, 59, 108) }
```

Background

The CSS property to change the background color of an element to YIQ 90.0010, 34.9310, 33.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 59, 108) }
```

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

```
.background{ background-color: rgb(144, 59,  
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](#).

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