

Converting Colors

YIQ(94.9510, 46.3950, 23.7310)

Have a look what the booklet for
YIQ(94.9510, 46.3950, 23.7310)
contains.

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Color

**YIQ(94.9510, 46.3950,
23.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	9A4354
RGB	154, 67, 84
RGB Percent	60%, 26%, 33%
CMY	0.3959, 0.7374, 0.6704
CMYK	0.00, 0.57, 0.45, 0.40
HSL	348°, 39%, 43%
HSV	348°, 57%, 60%
XYZ	16.9439, 11.5262, 9.7282
YIQ	94.9510, 46.3950, 23.7310

Conversions

Conversions Part 2

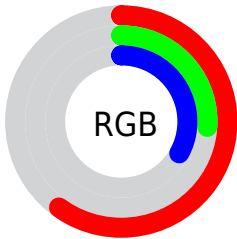
Format	Color
RYB	154, 67, 84
Decimal	10109780
CIELab	40.45, 38.07, 7.92
CIELCh	40, 38.887, 11.755
Yxy	11.5262, 0.4436, 0.3017
Android (android.graphics.Color)	4288299860 (0xFF9A4354)
YUV	94.9510, -5.3988, 51.7860
Hunter-Lab	33.9503, 29.6728, 6.7761

Details

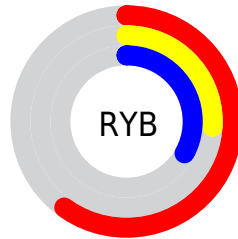
The YIQ color **94.9510, 46.3950, 23.7310** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **126.0490, -46.3950, -23.7310**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.5170, 50.6130, 24.3810**, and **42.2650, 42.6350, 25.7950** is the 20% darker color. If you saturate the color by 10%, you get **84.7780, 54.3720, 27.8440**, and if you desaturate by 10%, it is **105.1240, 38.4180, 19.6180**.

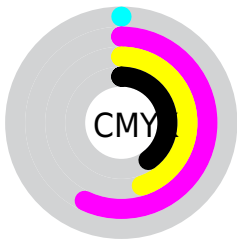
Distribution



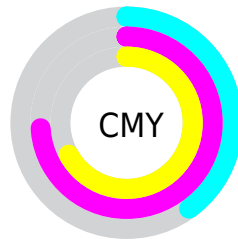
- Red (60%)
- Green (26%)
- Blue (33%)



- Red (60%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (57%)
- Yellow (45%)
- Black (40%)





- Cyan (40%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.9510, 46.3950, 23.7310 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 94.9510, 46.3950, 23.7310 by changing the saturation by 10% instead.


 94.9510, 46.3950,
23.7310


 94.9510, 46.3950,
23.7310


255.0000, -0.0000,
-0.0000


 69.2820, 43.9650,
23.7170


 147.8160, 51.2090,
24.5930


 42.2650, 42.6350,
25.7950

 175.4140, 52.4010,
25.0170


 23.6940, 36.8130,
21.1730

 198.4130, 44.9740,
21.9500

 14.7650, 28.8830,
10.6990

 218.0410, 28.2860,
16.0140

 0.0000, 0.0000,
0.0000

 237.7830, 11.2770,
10.3890

■ 94.9510, 46.3950,
23.7310

■ 94.9510, 46.3950,
23.7310

■ 84.7780, 54.3720,
27.8440

■ 105.1240, 38.4180,
19.6180

■ 73.9040, 62.9450,
32.1690

■ 115.9980, 29.8450,
15.2930

■ 63.7310, 70.9220,
36.2820

■ 126.1710, 21.8680,
11.1800

■ 52.9710, 79.1740,
40.9180

■ 137.0450, 13.2950,
6.8550

■ 49.4660, 82.1540,
41.9780

■ 147.2180, 5.3180,
2.7420

■ 157.3910, -2.6590,
-1.3710

■ 168.2650,
-11.2320, -5.6960

■ 178.4380,

-19.2090, -9.8090

■ 189.3120,
-27.7820, -14.1340

Harmonies

Analogous

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



97.0710, 28.7420, 29.7820



94.9510, 46.3950, 23.7310



94.4330, 50.2490, 8.9450

Triad

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



94.9510, 46.3950, 23.7310



86.4990, -3.9840, -26.9280



78.7180, -78.3550, -6.1870

Complementary

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



94.9510, 46.3950, 23.7310



126.0490, -46.3950, -23.7310

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.



79.6010, -73.9520, -14.4000



94.9510, 46.3950, 23.7310



73.0060, -54.0040, -34.5160

Square

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



94.9510, 46.3950, 23.7310



91.0310, 23.9370, -20.8230



77.3550, -64.8720, -24.7760



91.7170, -41.0830, 12.1730

Rectangle

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



94.9510, 46.3950, 23.7310



93.8310, 45.7120, -2.4480



77.3550, -64.8720, -24.7760



79.4360, -77.6210, -8.4770

Sweetspot

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



94.9510, 46.3950, 23.7310



177.9640, 18.0170, 9.3850



97.8480, 13.7930, 41.8970



88.4360, 10.6360, 5.4840



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.



94.9510, 46.3950, 23.7310



108.0410, 72.9850, 37.4410



108.2750, 44.7020, 4.8460



71.5060, 4.4470, 2.0070



44.9380, 74.7730, 38.0770



4.1150, 7.1060, 3.3780

Inverse Universe

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



94.9510, 46.3950, 23.7310



108.0410, 72.9850, 37.4410



112.7250, -44.7020, -4.8460



71.5060, 4.4470, 2.0070



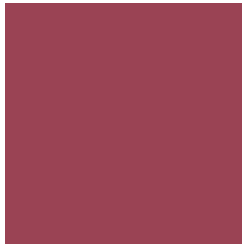
44.9380, 74.7730, 38.0770



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 94.9510, 46.3950, 23.7310 looks on a white background.

Color Contrast Check

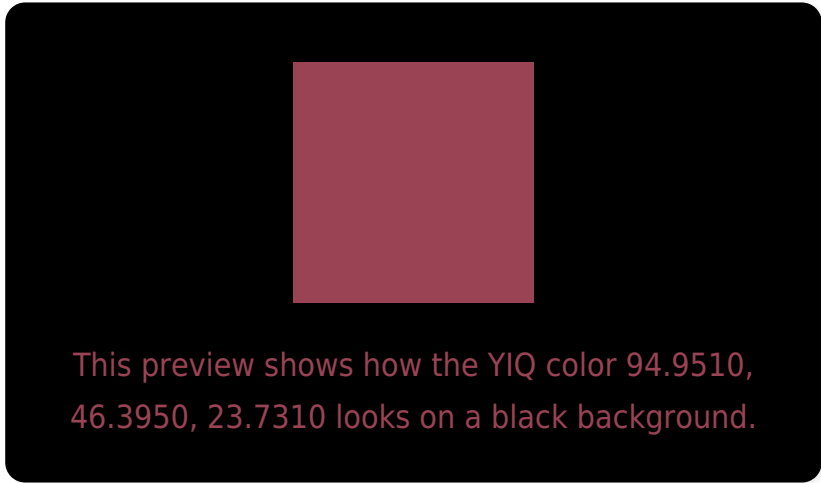
Large Text (above 18pt) WCAG AA ✓ Pass

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

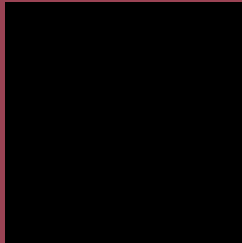
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.9510, 46.3950, 23.7310

Background



This preview shows how black text looks on a background with the YIQ color 94.9510, 46.3950, 23.7310.



This preview shows how white text looks on a background with the YIQ color 94.9510, 46.3950,

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

94.9510, 46.3950, 23.7310

Protanopia

96.6410, -0.3670, 1.1450

Deuteranopia

96.3130, 15.1760, 0.2960



Tritanopia

94.6860, 48.4590, 19.3630

Trichromacy



Original Color

94.9510, 46.3950, 23.7310

Protanomaly

95.8930, 16.7790, 9.7950

Deuteranomaly

95.9280, 26.8660, 8.7060

Tritanomaly

94.5550, 47.4500, 21.1300

Monochromacy



Original Color

94.9510, 46.3950, 23.7310

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9530, 16.5500, 8.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.9510, 46.3950, 23.7310 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(154, 67, 84)` looks like.

```
.text, #text, p{  
    color:rgb(154, 67, 84)  
}
```

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(154, 67, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 67, 84) }
```

Border

The CSS property to change the border of an element to YIQ 94.9510, 46.3950, 23.7310 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(154, 67, 84) }
```


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

```
.border{ border-color:rgb(154, 67, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 67, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 67, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 67, 84);  
box-shadow:4px 4px 4px 4px rgb(154, 67,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 94.9510, 46.3950, 23.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 67, 84) }
```

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

```
.background{ background-color: rgb(154, 67,  
84) }
```

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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