

Converting Colors

YIQ(99.8610, 46.1680, 11.3200)

Have a look what the booklet for
YIQ(99.8610, 46.1680, 11.3200)
contains.

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Color

**YIQ(99.8610, 46.1680,
11.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	975044
RGB	151, 80, 68
RGB Percent	59%, 31%, 27%
CMY	0.4077, 0.6864, 0.7331
CMYK	0.00, 0.47, 0.55, 0.41
HSL	9°, 38%, 43%
HSV	9°, 55%, 59%
XYZ	16.6815, 12.7342, 7.0554
YIQ	99.8610, 46.1680, 11.3200

Conversions

Conversions Part 2

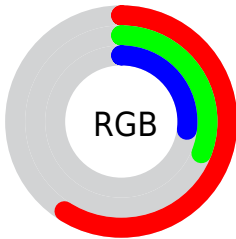
Format	Color
R_{YB}	151, 82, 68
Decimal	9916484
CIE Lab	42.36, 28.39, 20.29
CIE LCh	42, 34.896, 35.551
Yxy	12.7342, 0.4574, 0.3492
Android (android.graphics.Color)	4288106564 (0xFF975044)
YUV	99.8610, -15.7075, 44.8489
Hunter-Lab	35.6849, 20.9941, 13.2570

Details

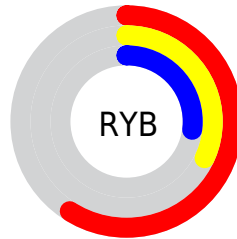
The YIQ color **99.8610, 46.1680, 11.3200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.1390, -46.1680, -11.3200**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.3130, 50.7070, 11.6590**, and **50.9250, 40.1160, 10.8680** is the 20% darker color. If you saturate the color by 10%, you get **90.5200, 54.5580, 13.4540**, and if you desaturate by 10%, it is **109.2020, 37.7780, 9.1860**.

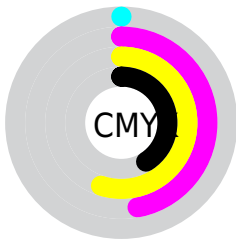
Distribution



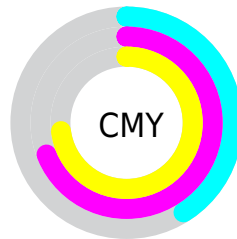
- Red (59%)
- Green (31%)
- Blue (27%)



- Red (59%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)
- Black (41%)



- Cyan (41%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8610, 46.1680, 11.3200 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 99.8610, 46.1680, 11.3200 by changing the saturation by 10% instead.

■ 99.8610, 46.1680,
11.3200

■ 99.8610, 46.1680,
11.3200

255.0000, -0.0000,
-0.0000

■ 74.8930, 43.1420,
11.0940

■ 152.3130, 50.7070,
11.6590

■ 50.3380, 40.3910,
11.3910

■ 179.5090, 53.0910,
12.5070

■ 25.0390, 39.7950,
11.1790

■ 203.4050, 47.4520,
10.0760

■ 13.4550, 26.8200,
9.5400

■ 223.0330, 30.7640,
4.1400

■ 0.0000, 0.0000,
0.0000

■ 243.2480, 13.8010,
-2.3190

254.6580, 0.9630,

-0.9330

■ 99.8610, 46.1680,
11.3200

■ 99.8610, 46.1680,
11.3200

■ 90.5200, 54.5580,
13.4540

■ 109.2020, 37.7780,
9.1860

■ 81.1790, 62.9480,
15.5880

■ 118.5430, 29.3880,
7.0520

■ 71.8380, 71.3380,
17.7220

■ 127.8840, 20.9980,
4.9180

■ 62.4970, 79.7280,
19.8560

■ 137.2250, 12.6080,
2.7840

■ 58.0630, 83.9460,
20.5060

■ 146.6800, 3.8970,
0.9610

■ 156.0210, -4.4930,
-1.1730

■ 165.3620,
-12.8830, -3.3070

■ 174.1160,
-20.9980, -4.9180

■ 183.4570,
-29.3880, -7.0520

Harmonies

Analogous

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



100.7160, 39.7470, 23.0670



99.8610, 46.1680, 11.3200



98.8520, 41.2190, -3.6210

Triad

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



99.8610, 46.1680, 11.3200



87.1400, -30.7140, -27.0820



94.8260, -43.0080, 8.5120

Complementary

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



99.8610, 46.1680, 11.3200



119.1390, -46.1680, -11.3200

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.



81.3110, -78.7670, -9.7350



99.8610, 46.1680, 11.3200



79.4750, -65.3300, -27.4900

Square

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



99.8610, 46.1680, 11.3200



93.7280, 2.8010, -23.2390



82.0800, -74.0430, -18.2590



102.1790, -6.9730, 21.7550

Rectangle

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



99.8610, 46.1680, 11.3200



97.7920, 32.2800, -12.3280



82.0800, -74.0430, -18.2590



88.8130, -59.3290, 1.4310

Sweetspot

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



99.8610, 46.1680, 11.3200



176.6170, 17.3760, 4.4800



101.0250, 26.3560, 39.9880



87.5560, 10.1780, 2.7700



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.



99.8610, 46.1680, 11.3200



116.1370, 71.9340, 17.9340



123.9280, 34.8930, -10.1230



71.9790, 4.4930, 1.1730



53.6000, 77.9400, 19.2200



5.0610, 7.1980, 1.7100

Inverse Universe

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



119.1390, -46.1680, -11.3200



146.8630, -71.9340, -17.9340



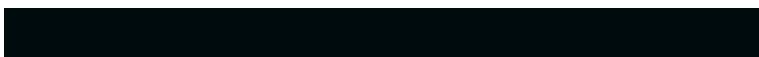
95.0720, -34.8930, 10.1230



73.4340, -4.2180, -0.6500



86.4000, -77.9400, -19.2200



7.9390, -7.1980, -1.7100

Previews

White Background



This preview shows how the YIQ color 99.8610, 46.1680, 11.3200 looks on a white background.

Color Contrast Check

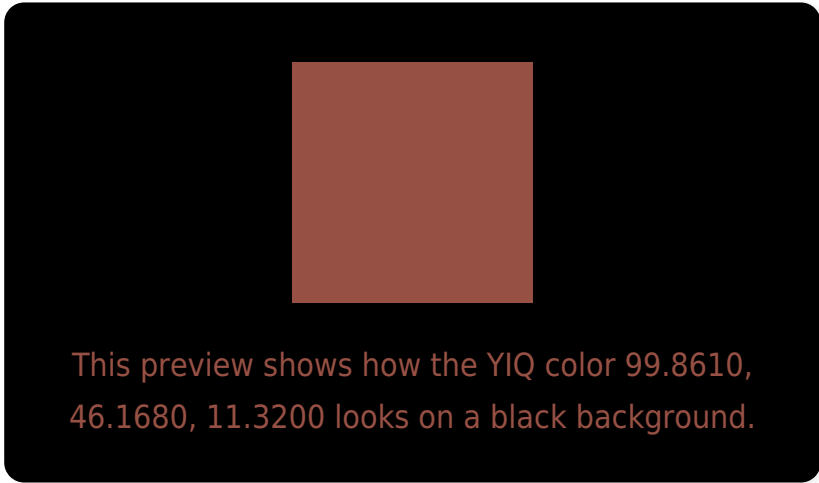
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.8610, 46.1680, 11.3200

Background



This preview shows how black text looks on a background with the YIQ color 99.8610, 46.1680, 11.3200.



This preview shows how white text looks on a background with the YIQ color 99.8610, 46.1680,

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

99.8610, 46.1680, 11.3200

Protanopia

99.4710, 11.5550, -5.6690

Deuteranopia

99.9410, 24.8510, -4.3410



Tritanopia

100.6960, 42.4990, 17.2430

Trichromacy



Original Color

99.8610, 46.1680, 11.3200

Protanomaly

99.8040, 23.9790, 0.4510

Deuteranomaly

99.8220, 32.7360, 1.4400

Tritanomaly

100.7130, 43.8290, 15.1650

Monochromacy



Original Color

99.8610, 46.1680, 11.3200

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.2040, 17.1010, 3.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8610, 46.1680, 11.3200 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(151, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(151, 80, 68)  
}
```

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(151, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 80, 68) }
```

Border

The CSS property to change the border of an element to YIQ 99.8610, 46.1680, 11.3200 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(151, 80, 68) }
```


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

```
.border{ border-color:rgb(151, 80, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 80, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 80, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 80, 68);  
box-shadow:4px 4px 4px 4px rgb(151, 80,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8610, 46.1680, 11.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 80, 68) }
```

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

```
.background{ background-color: rgb(151, 80,  
68) }
```

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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