

Converting Colors

YIQ(99.4200, 43.0960, 11.9280)

Have a look what the booklet for
YIQ(99.4200, 43.0960, 11.9280)
contains.

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Color

**YIQ(99.4200, 43.0960,
11.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	945048
RGB	148, 80, 72
RGB Percent	58%, 31%, 28%
CMY	0.4195, 0.6864, 0.7175
CMYK	0.00, 0.46, 0.51, 0.42
HSL	6°, 35%, 43%
HSV	6°, 51%, 58%
XYZ	16.2577, 12.5012, 7.6947
YIQ	99.4200, 43.0960, 11.9280

Conversions

Conversions Part 2

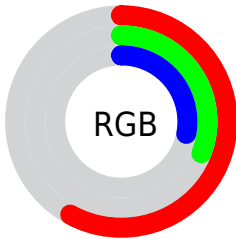
Format	Color
R_{YB}	148, 81, 72
Decimal	9719880
CIE Lab	42.00, 27.54, 17.32
CIE LCh	42, 32.534, 32.156
Yxy	12.5012, 0.4460, 0.3429
Android (android.graphics.Color)	4287909960 (0xFF945048)
YUV	99.4200, -13.5181, 42.6047
Hunter-Lab	35.3571, 20.2021, 11.8467

Details

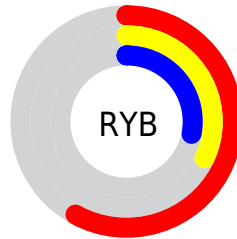
The YIQ color **99.4200, 43.0960, 11.9280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.5800, -43.0960, -11.9280**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.3990, 47.5890, 13.1010**, and **50.6690, 37.9610, 11.3770** is the 20% darker color. If you saturate the color by 10%, you get **90.0790, 51.4860, 14.0620**, and if you desaturate by 10%, it is **108.7610, 34.7060, 9.7940**.

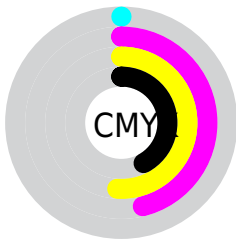
Distribution



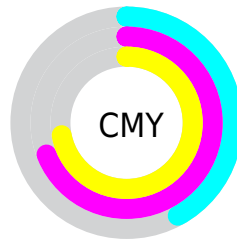
- Red (58%)
- Green (31%)
- Blue (28%)



- Red (58%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (46%)
- Yellow (51%)
- Black (42%)



- Cyan (42%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.4200, 43.0960, 11.9280 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 99.4200, 43.0960, 11.9280 by changing the saturation by 10% instead.

■ 99.4200, 43.0960,
11.9280

■ 99.4200, 43.0960,
11.9280

255.0000, -0.0000,
-0.0000

■ 74.7510, 40.6660,
11.9140

■ 151.3990, 47.5890,
13.1010

■ 50.6690, 37.9610,
11.3770

■ 178.7690, 49.4230,
12.9030

■ 25.3700, 37.3650,
11.1650

■ 203.9750, 45.8470,
11.6310

■ 13.1560, 26.2240,
9.3280

■ 223.4890, 29.4800,
5.3840

■ 0.0000, 0.0000,
0.0000

■ 243.1170, 12.7920,
-0.5520

■ 99.4200, 43.0960,
11.9280

■ 99.4200, 43.0960,
11.9280

■ 90.0790, 51.4860,
14.0620

■ 108.7610, 34.7060,
9.7940

■ 80.1510, 60.1510,
16.7190

■ 118.1020, 26.3160,
7.6600

■ 70.9240, 68.2200,
19.1640

■ 127.9160, 17.9720,
4.6920

■ 61.5830, 76.6100,
21.2980

■ 137.2570, 9.5820,
2.5580

■ 53.0570, 84.0830,
23.5310

■ 146.5980, 1.1920,
0.4240

■ 156.5260, -7.4730,
-2.2330

■ 165.8670,
-15.8630, -4.3670

■ 175.0940,

-23.9320, -6.8120

■ 184.4350,
-32.3220, -8.9460

Harmonies

Analogous

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



100.6230, 35.5750, 21.5830



99.4200, 43.0960, 11.9280



98.5360, 39.2930, -1.7550

Triad

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



99.4200, 43.0960, 11.9280



88.7280, -23.5620, -24.5380



93.6580, -42.5950, 6.5330

Complementary

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



99.4200, 43.0960, 11.9280



120.5800, -43.0960, -11.9280

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.



80.0400, -76.5660, -11.0780



99.4200, 43.0960, 11.9280



77.7310, -63.1750, -27.9990

Square

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



99.4200, 43.0960, 11.9280



93.8640, 5.4140, -21.0340



80.2220, -71.5670, -19.0790



101.0430, -9.5860, 19.5500

Rectangle

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



99.4200, 43.0960, 11.9280



97.0740, 31.5460, -10.0380



80.2220, -71.5670, -19.0790



88.5420, -57.1280, 0.0880

Sweetspot

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



99.4200, 43.0960, 11.9280



173.1330, 15.8630, 4.3670



102.4760, 23.4680, 37.2600



85.5560, 10.1780, 2.7700



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



99.4200, 43.0960, 11.9280



115.3260, 67.0280, 18.7400



121.7260, 32.6460, -7.9460



69.0930, 4.1720, 1.4840



49.4800, 78.3980, 21.9340



3.5770, 5.6850, 1.5970

Inverse Universe

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



120.5800, -43.0960, -11.9280



148.6740, -67.0280, -18.7400



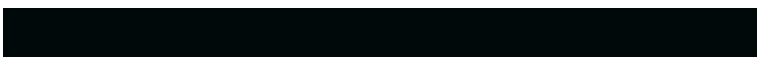
98.2740, -32.6460, 7.9460



71.3200, -3.8970, -0.9610



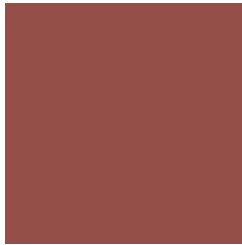
87.9330, -78.1230, -21.4110



6.4230, -5.6850, -1.5970

Previews

White Background



This preview shows how the YIQ color 99.4200, 43.0960, 11.9280 looks on a white background.

Color Contrast Check

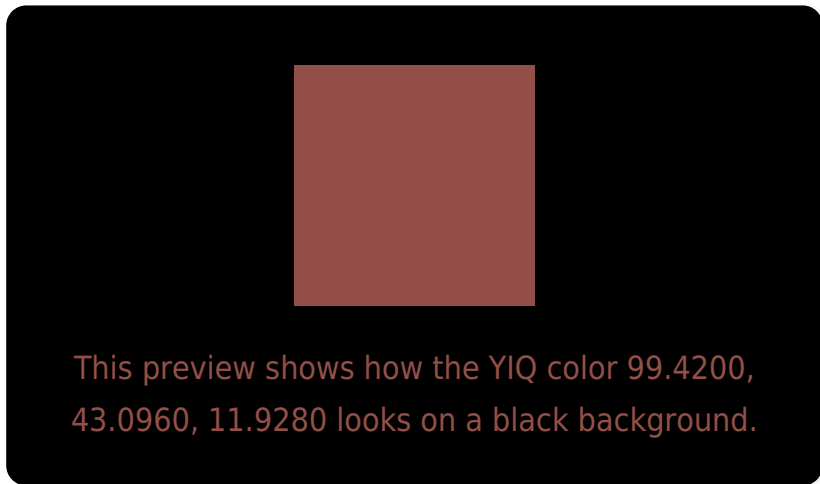
Large Text (above 18pt) WCAG AA ✓ Pass

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

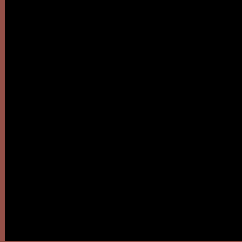
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.4200, 43.0960, 11.9280

Background



This preview shows how black text looks on a background with the YIQ color 99.4200, 43.0960, 11.9280.



This preview shows how white text looks on a background with the YIQ color 99.4200, 43.0960,

11.9280.

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

99.4200, 43.0960, 11.9280

Protanopia

99.0410, 9.9500, -4.1140

Deuteranopia

99.2120, 22.6500, -2.9980



Tritanopia

99.9130, 40.3900, 16.9180

Trichromacy



Original Color

99.4200, 43.0960, 11.9280

Protanomaly

99.0750, 21.7780, 1.7940

Deuteranomaly

99.6800, 30.2600, 2.2600

Tritanomaly

100.0440, 41.3990, 15.1510

Monochromacy



Original Color

99.4200, 43.0960, 11.9280

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.1330, 15.8630, 4.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.4200, 43.0960, 11.9280 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(148, 80, 72)` looks like.

```
.text, #text, p{  
    color:rgb(148, 80, 72)  
}
```

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(148, 80, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 80, 72) }
```

Border

The CSS property to change the border of an element to YIQ 99.4200, 43.0960, 11.9280 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(148, 80, 72) }
```


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

```
.border{ border-color:rgb(148, 80, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 80, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 80, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 80, 72);  
box-shadow:4px 4px 4px 4px rgb(148, 80,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 99.4200, 43.0960, 11.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 80, 72) }
```

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

```
.background{ background-color: rgb(148, 80,  
72) }
```

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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