

Converting Colors

YIQ(39.5590, 32.4590, 11.9710)

Have a look what the booklet for
YIQ(39.5590, 32.4590, 11.9710)
contains.

YIQ(39.5590, 32.4590, 11.9710)	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(39.5590, 32.4590,
11.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1718
RGB	78, 23, 24
RGB Percent	31%, 9%, 9%
CMY	0.6940, 0.9099, 0.9058
CMYK	0.00, 0.71, 0.69, 0.69
HSL	359°, 55%, 20%
HSV	359°, 71%, 31%
XYZ	3.6158, 2.2991, 1.1191
YIQ	39.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

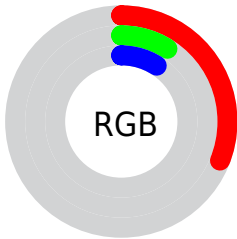
Format	Color
RYB	78, 23, 24
Decimal	5117720
CIELab	16.98, 25.99, 13.39
CIElCh	17, 29.231, 27.252
Yxy	2.2991, 0.5140, 0.3269
Android (android.graphics.Color)	4283307800 (0xFF4E1718)
YUV	39.5590, -7.6706, 33.7128
Hunter-Lab	15.1627, 16.0313, 6.2378

Details

The YIQ color **39.5590, 32.4590, 11.9710** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **61.4410, -32.4590, -11.9710**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.3100, 37.5940, 12.5220**, and **7.8880, 15.1750, 5.8230** is the 20% darker color. If you saturate the color by 10%, you get **33.9510, 37.2270, 13.6670**, and if you desaturate by 10%, it is **45.1670, 27.6910, 10.2750**.

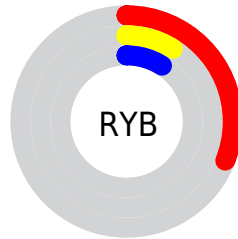
Distribution



Red (31%)

Green (9%)

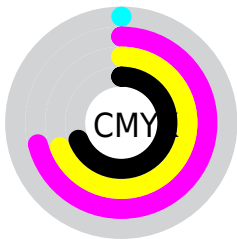
Blue (9%)



Red (31%)

Yellow (9%)

Blue (9%)

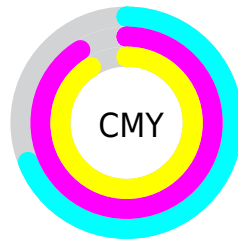


Cyan (0%)

Magenta (71%)

Yellow (69%)

Black (69%)



Cyan (69%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.5590, 32.4590, 11.9710 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 39.5590, 32.4590, 11.9710 by changing the saturation by 10% instead.

■ 39.5590, 32.4590,
11.9710

■ 39.5590, 32.4590,
11.9710

■ 254.4300, 1.6050,
-1.5550

■ 16.1460, 32.1840,
11.4480

■ 87.3100, 37.5940,
12.5220

■ 7.8880, 15.1750,
5.8230

■ 112.6800, 39.4280,
12.3240

■ 0.0000, 0.0000,
0.0000


■ 138.8760, 41.8120,
13.1720


■ 165.3600, 43.3250,
13.2850


■ 192.9580, 44.5170,
13.7090


■ 215.1740, 34.9810,


10.3170


 235.3890, 18.0180,
3.8580


 39.5590, 32.4590,
11.9710


 39.5590, 32.4590,
11.9710


 33.9510, 37.2270,
13.6670


 45.1670, 27.6910,
10.2750


 28.4570, 41.6740,
15.6740

 50.6610, 23.2440,
8.2680

 23.4360, 46.1670,
16.8470

 55.6820, 18.7510,
7.0950

 61.2900, 13.9830,
5.3990

 66.7840, 9.5360,
3.3920

■ 72.3920, 4.7680,
1.6960

■ 78.0000, -0.0000,
-0.0000

■ 82.9070, -4.1720,
-1.4840

■ 88.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



40.1920, 26.5430, 20.0710



39.5590, 32.4590, 11.9710



39.5290, 32.0030, -1.7970

Triad

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



39.5590, 32.4590, 11.9710



31.4020, -19.5280, -20.5520



35.9910, -39.3390, 2.5890

Complementary

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



39.5590, 32.4590, 11.9710



61.4410, -32.4590, -11.9710

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.



38.1280, -38.4670, -2.2030



39.5590, 32.4590, 11.9710



34.3830, -26.5440, -14.5440

Square

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



39.5590, 32.4590, 11.9710



37.1680, 7.6140, -16.8500



36.7770, -33.2850, -8.0130



41.7880, -13.4820, 13.0620

Rectangle

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



39.5590, 32.4590, 11.9710



40.2460, 25.3100, -7.1540



36.7770, -33.2850, -8.0130



37.0510, -39.5680, 1.2320

Sweetspot

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



39.5590, 32.4590, 11.9710



87.2790, 12.5160, 4.4520



45.1170, 13.9330, 28.3410



41.8870, 7.7480, 2.7560



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



39.5590, 32.4590, 11.9710



41.2410, 51.2100, 19.0660



54.7070, 25.6300, -1.9380



35.1960, 2.3840, 0.8480



30.7260, 60.1500, 22.2460



69.2260, 135.7960, 50.0040

Inverse Universe

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



39.5590, 32.4590, 11.9710



41.2410, 51.2100, 19.0660



46.2930, -25.6300, 1.9380



35.1960, 2.3840, 0.8480



30.7260, 60.1500, 22.2460



69.2260, 135.7960, 50.0040

Previews

White Background



This preview shows how the YIQ color 39.5590, 32.4590, 11.9710 looks on a white background.

Color Contrast Check

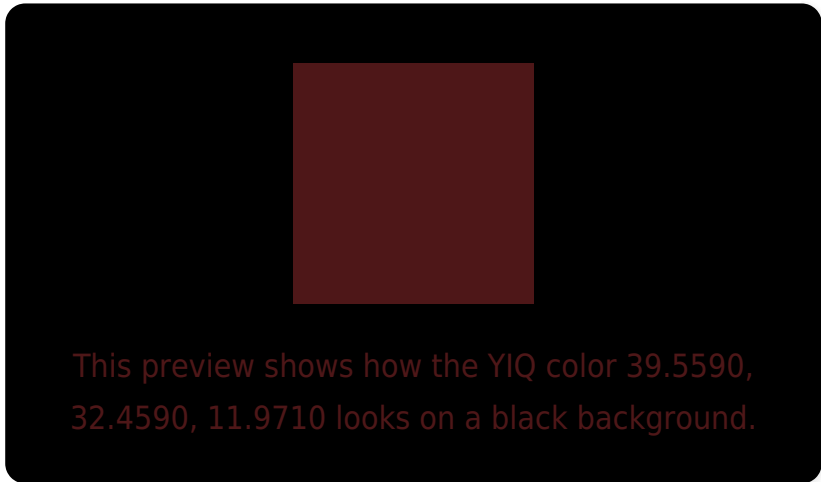
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

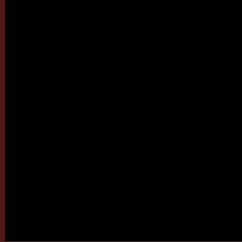
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.5590, 32.4590, 11.9710

Background



This preview shows how black text looks on a background with the YIQ color 39.5590, 32.4590, 11.9710.

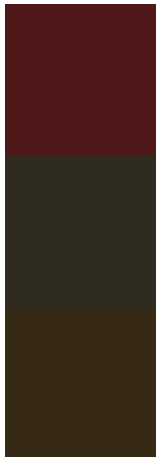


This preview shows how white text looks on a background with the YIQ color 39.5590, 32.4590,

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

39.5590, 32.4590, 11.9710

Protanopia

42.9420, 5.9150, -2.5730

Deuteranopia

42.6070, 14.1680, -3.4640



Tritanopia

39.5590, 32.4590, 11.9710

Trichromacy



Original Color

39.5590, 32.4590, 11.9710

Protanomaly

41.7800, 15.3590, 2.4870

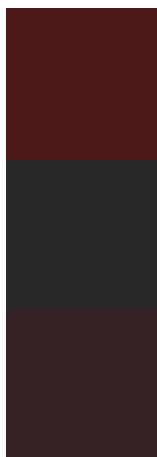
Deuteranomaly

41.3030, 21.1360, 2.4160

Tritanomaly

39.5590, 32.4590, 11.9710

Monochromacy



Original Color

39.5590, 32.4590, 11.9710

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.9800, 11.9200, 4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.5590, 32.4590, 11.9710 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(78, 23, 24)` looks like.

```
.text, #text, p{  
    color:rgb(78, 23, 24)  
}
```

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(78, 23, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 23, 24) }
```

Border

The CSS property to change the border of an element to YIQ 39.5590, 32.4590, 11.9710 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(78, 23, 24) }
```


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

```
.border{ border-color:rgb(78, 23, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 23, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 23, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 23, 24);  
box-shadow:4px 4px 4px 4px rgb(78, 23, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.5590, 32.4590, 11.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 23, 24) }
```

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

```
.background{ background-color: rgb(78, 23,  
24) }
```

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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