

Converting Colors

YIQ(15.9610, 31.2670, 11.5470)

Have a look what the booklet for
YIQ(15.9610, 31.2670, 11.5470)
contains.

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Color

**YIQ(15.9610, 31.2670,
11.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	350001
RGB	53, 0, 1
RGB Percent	21%, 0%, 0%
CMY	0.7920, 1.0000, 0.9960
CMYK	0.00, 1.00, 0.98, 0.79
HSL	359°, 100%, 10%
HSV	359°, 100%, 21%
XYZ	1.4755, 0.7600, 0.0985
YIQ	15.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

Format	Color
RYB	53, 0, 1
Decimal	3473409
CIELab	6.87, 26.17, 10.43
CIElCh	7, 28.175, 21.721
Yxy	0.7600, 0.6322, 0.3256
Android (android.graphics.Color)	4281663489 (0xFF350001)
YUV	15.9610, -7.3758, 32.4832
Hunter-Lab	8.7179, 14.9556, 5.4323

Details

The YIQ color **15.9610, 31.2670, 11.5470** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **37.0390, -31.2670, -11.5470**, and the grayscale version is **16.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **63.3850, 33.0090, 13.0170**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.9610, 31.2670, 11.5470**, and if you desaturate by 10%, it is **19.4660, 28.2870, 10.4870**.

Distribution



Red (21%)

Green (0%)

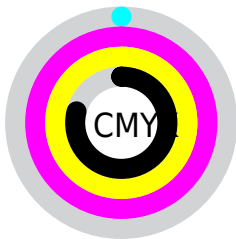
Blue (0%)



Red (21%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (79%)



Cyan (79%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 15.9610, 31.2670, 11.5470 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 15.9610, 31.2670, 11.5470 by changing the saturation by 10% instead.

■ 15.9610, 31.2670,
11.5470

■ 15.9610, 31.2670,
11.5470

■ 235.3720, 16.6880,
5.9360

■ 7.5890, 14.5790,
5.6110

■ 63.3850, 33.0090,
13.0170

■ 0.0000, 0.0000,
0.0000

■ 87.4670, 35.7140,
13.5540

■ 112.3640, 37.5020,
14.1900


■ 138.7340, 39.3360,
13.9920


■ 165.6310, 41.1240,
14.6280


■ 193.2290, 42.3160,


15.0520


 215.7440, 33.3760,
11.8720


 15.9610, 31.2670,
11.5470

 19.4660, 28.2870,
10.4870

 23.5580, 25.0320,
8.9040

 27.1770, 21.7310,
8.1550

 30.6820, 18.7510,
7.0950

 34.7740, 15.4960,
5.5120

■ 38.2790, 12.5160,
4.4520

■ 41.7840, 9.5360,
3.3920

■ 45.4030, 6.2350,
2.6430

■ 49.4950, 2.9800,
1.0600

Harmonies

Analogous

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



18.3270, 21.7290, 19.2090



15.9610, 31.2670, 11.5470



19.0370, 24.9410, 5.0450

Triad

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



15.9610, 31.2670, 11.5470



17.0230, -7.9750, -15.1670



21.2870, -25.4930, 4.9630

Complementary

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



15.9610, 31.2670, 11.5470



37.0390, -31.2670, -11.5470

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.



23.3100, -24.3000, -0.1400



15.9610, 31.2670, 11.5470



20.3800, -13.2940, -12.3820

Square

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



15.9610, 31.2670, 11.5470



17.9640, -0.3190, -10.7430



22.6600, -19.7140, -6.1620



18.4340, -21.4130, 8.1150

Rectangle

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



15.9610, 31.2670, 11.5470



20.4550, 17.6520, -0.5240



22.6600, -19.7140, -6.1620



22.3470, -25.7220, 3.6060

Sweetspot

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



15.9610, 31.2670, 11.5470



54.3930, 12.1950, 4.7630



21.2910, 13.3830, 27.2950



26.8870, 7.7480, 2.7560



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



15.9610, 31.2670, 11.5470



20.7450, 40.8030, 14.9390



30.5220, 24.7130, -1.8390



23.8970, 1.7880, 0.6360



26.8390, 52.4020, 19.4900



65.3390, 128.0480, 47.2480

Inverse Universe

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



15.9610, 31.2670, 11.5470



20.7450, 40.8030, 14.9390



22.4780, -24.7130, 1.8390



23.8970, 1.7880, 0.6360



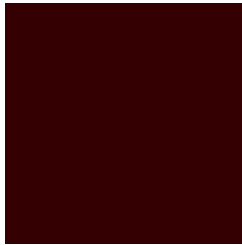
26.8390, 52.4020, 19.4900



65.3390, 128.0480, 47.2480

Previews

White Background



This preview shows how the YIQ color 15.9610, 31.2670, 11.5470 looks on a white background.

Color Contrast Check

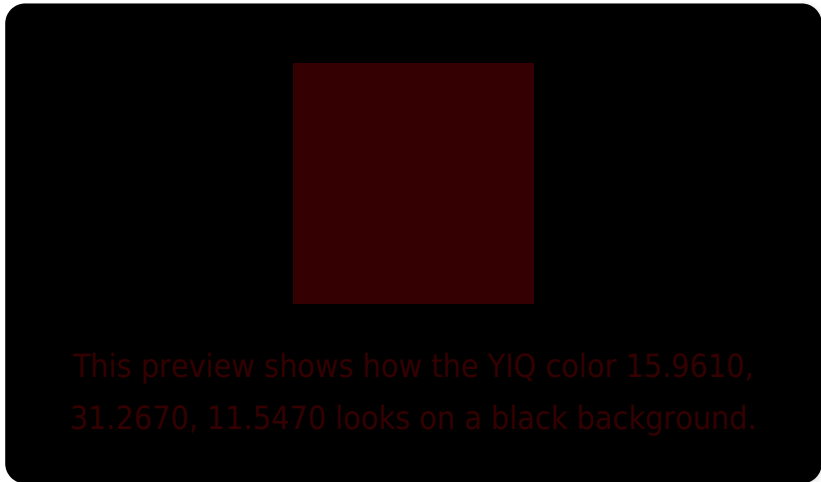
Large Text (above 18pt) WCAG AA ✓ Pass

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

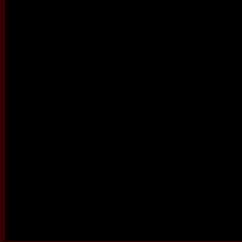
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 15.9610, 31.2670, 11.5470

Background



This preview shows how black text looks on a background with the YIQ color 15.9610, 31.2670, 11.5470.

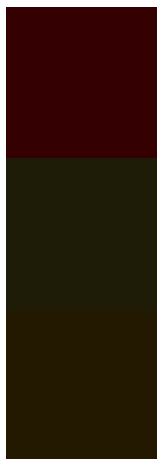


This preview shows how white text looks on a background with the YIQ color 15.9610, 31.2670,

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

15.9610, 31.2670, 11.5470

Protanopia

25.6170, 8.2080, -5.5840

Deuteranopia

24.8410, 13.3890, -5.8670



Tritanopia

18.7820, 30.2130, 8.6210

Trichromacy



Original Color

15.9610, 31.2670, 11.5470

Protanomaly

21.9110, 16.3680, 0.7200

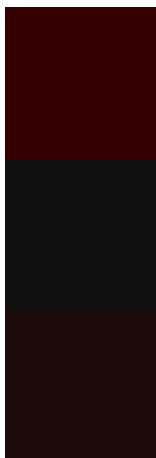
Deuteranomaly

21.6510, 20.0360, 0.3240

Tritanomaly

17.6080, 30.7630, 9.6670

Monochromacy



Original Color

15.9610, 31.2670, 11.5470

Achromatopsia

16.0000, -0.0000, -0.0000

Achromatomaly

15.7950, 11.0030, 4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 15.9610, 31.2670, 11.5470 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(53, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(53, 0, 1)  
}
```

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(53, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 0, 1) }
```

Border

The CSS property to change the border of an element to YIQ 15.9610, 31.2670, 11.5470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

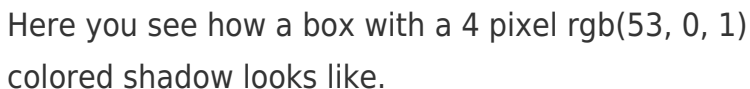
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(53, 0, 1) }
```


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

```
.border{ border-color:rgb(53, 0, 1) }
```

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



Here you see how a box with a 4 pixel `rgb(53, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 0, 1); box-shadow:4px  
4px 4px 4px rgb(53, 0, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 15.9610, 31.2670, 11.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 0, 1) }
```

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

```
.background{ background-color: rgb(53, 0,  
1) }
```

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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