

Converting Colors

YIQ(34.4820, 31.3580, 15.4060)

Have a look what the booklet for
YIQ(34.4820, 31.3580, 15.4060)
contains.

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Color

**YIQ(34.4820, 31.3580,
15.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	4A101A
RGB	74, 16, 26
RGB Percent	29%, 6%, 10%
CMY	0.7097, 0.9373, 0.8979
CMYK	0.00, 0.78, 0.65, 0.71
HSL	350°, 65%, 18%
HSV	350°, 78%, 29%
XYZ	3.1986, 1.9019, 1.1775
YIQ	34.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

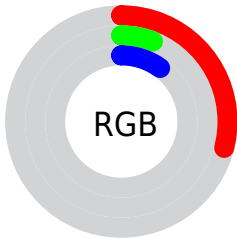
Format	Color
RYB	74, 16, 26
Decimal	4853786
CIELab	14.96, 27.96, 9.16
CIElCh	15, 29.424, 18.132
Yxy	1.9019, 0.5095, 0.3029
Android (android.graphics.Color)	4283043866 (0xFF4A101A)
YUV	34.4820, -4.1816, 34.6573
Hunter-Lab	13.7909, 17.2664, 4.5911




Details

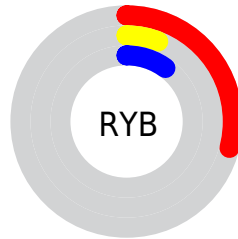
The YIQ color **34.4820, 31.3580, 15.4060** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.5180, -31.3580, -15.4060**, and the grayscale version is **34.0000, -0.0000, 0.0000**.



A 20% lighter version of the original color is **82.8200, 36.2180, 15.4340**, and **4.4850, 8.9400, 3.1800** is the 20% darker color. If you saturate the color by 10%, you get **29.6890, 35.2090, 17.2010**, and if you desaturate by 10%, it is **39.2750, 27.5070, 13.6110**.

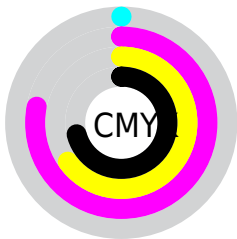
Distribution







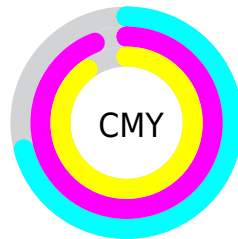
-  Red (29%)
-  Green (6%)
-  Blue (10%)






-  Red (29%)
-  Yellow (6%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (78%)
-  Yellow (65%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (94%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.4820, 31.3580, 15.4060 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 34.4820, 31.3580, 15.4060 by changing the saturation by 10% instead.

34.4820, 31.3580,
15.4060

34.4820, 31.3580,
15.4060

251.2500, 2.2920,
2.5160

14.9500, 29.8000,
10.6000

82.8200, 36.2180,
15.4340

4.4850, 8.9400,
3.1800

107.6030, 38.3270,
15.7590

0.0000, 0.0000,
0.0000


133.5000, 40.1150,
16.3950


159.9840, 41.6280,
16.5080


187.5820, 42.8200,
16.9320


211.8800, 35.9890,


14.0770


 231.5080, 19.3010,
8.1410


 34.4820, 31.3580,
15.4060


 34.4820, 31.3580,
15.4060


 29.6890, 35.2090,
17.2010


 39.2750, 27.5070,
13.6110


 24.3090, 39.3350,
19.5190

 44.6550, 23.3810,
11.2930

 23.6080, 39.9310,
19.7310

 49.4480, 19.5300,
9.4980

 54.9420, 15.0830,
7.4910

 59.7350, 11.2320,
5.6960

■ 64.5280, 7.3810,
3.9010

■ 69.9080, 3.2550,
1.5830

■ 74.7010, -0.5960,
-0.2120

■ 80.0810, -4.7220,
-2.5300

Harmonies

Analogous

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



35.6800, 22.2330, 21.0890



34.4820, 31.3580, 15.4060



34.6480, 33.2860, 2.4860

Triad

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



34.4820, 31.3580, 15.4060



28.9750, -8.0200, -19.8600



33.5460, -36.5880, 2.2920

Complementary

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



34.4820, 31.3580, 15.4060



55.5180, -31.3580, -15.4060

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.



34.7540, -34.4780, -2.9100



34.4820, 31.3580, 15.4060



30.1940, -21.6380, -15.3500

Square

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



34.4820, 31.3580, 15.4060



34.5430, 11.0520, -13.0760



33.2890, -28.9750, -9.0310



34.9930, -24.4850, 8.7230

Rectangle

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



34.4820, 31.3580, 15.4060



36.1370, 27.2350, -3.4930



33.2890, -28.9750, -9.0310



34.4920, -36.4960, 0.6240

Sweetspot

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



34.4820, 31.3580, 15.4060



81.3330, 12.4240, 6.1200



36.6650, 9.3940, 28.0020



38.5280, 7.3810, 3.9010



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



34.4820, 31.3580, 15.4060



35.0330, 49.1000, 24.2680



43.9080, 29.6180, 2.8820



35.3100, 2.0630, 1.1590



32.5500, 55.0140, 27.2220



73.3300, 124.2400, 61.2000

Inverse Universe

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



34.4820, 31.3580, 15.4060



35.0330, 49.1000, 24.2680



46.0920, -29.6180, -2.8820



35.3100, 2.0630, 1.1590



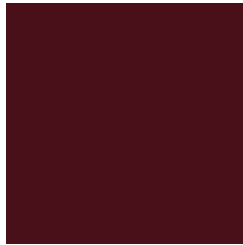
32.5500, 55.0140, 27.2220



73.3300, 124.2400, 61.2000

Previews

White Background



This preview shows how the YIQ color 34.4820, 31.3580, 15.4060 looks on a white background.

Color Contrast Check

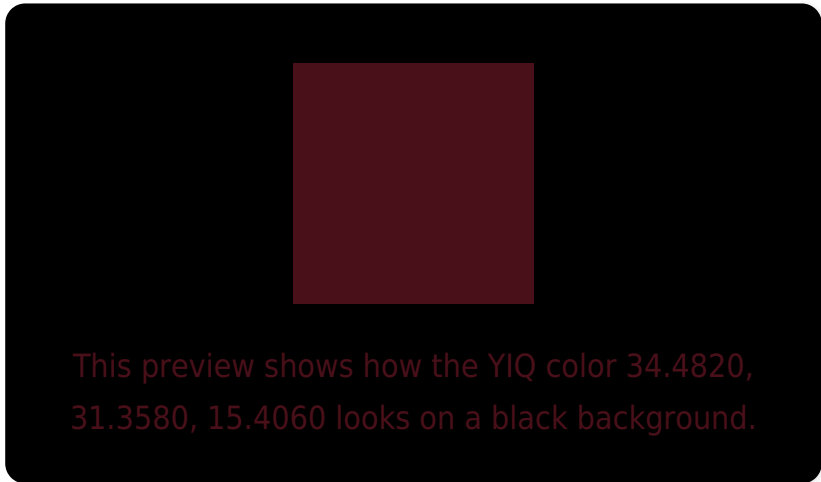
Large Text (above 18pt) WCAG AA ✓ Pass

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

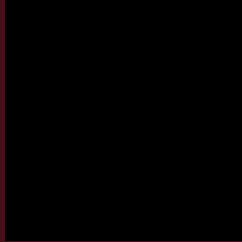
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.4820, 31.3580, 15.4060

Background



This preview shows how black text looks on a background with the YIQ color 34.4820, 31.3580, 15.4060.

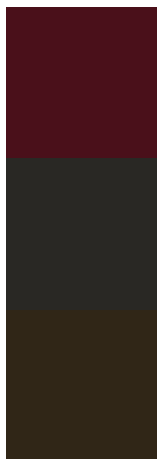


This preview shows how white text looks on a background with the YIQ color 34.4820, 31.3580,

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

34.4820, 31.3580, 15.4060

Protanopia

39.8430, 1.8800, -1.0320

Deuteranopia

39.2800, 10.7750, -2.5450



Tritanopia

34.7440, 33.3760, 11.8720

Trichromacy



Original Color

34.4820, 31.3580, 15.4060

Protanomaly

37.6920, 12.7910, 4.9750

Deuteranomaly

37.3890, 18.0180, 3.8580

Tritanomaly

34.4990, 32.6880, 13.3280

Monochromacy



Original Color

34.4820, 31.3580, 15.4060

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.4820, 31.3580, 15.4060 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(74, 16, 26)` looks like.

```
.text, #text, p{  
    color:rgb(74, 16, 26)  
}
```

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(74, 16, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 16, 26) }
```

Border

The CSS property to change the border of an element to YIQ 34.4820, 31.3580, 15.4060 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(74, 16, 26) }
```


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

```
.border{ border-color:rgb(74, 16, 26) }
```

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

Here you see how a box with a 4 pixel rgb(74, 16, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 16, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 16, 26);  
box-shadow:4px 4px 4px 4px rgb(74, 16, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.4820, 31.3580, 15.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 16, 26) }
```

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

```
.background{ background-color: rgb(74, 16,  
26) }
```

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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