

Converting Colors

YIQ(33.0200, 32.7790, 17.1870)

Have a look what the booklet for
YIQ(33.0200, 32.7790, 17.1870)
contains.

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Color

**YIQ(33.0200, 32.7790,
17.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0D1A
RGB	75, 13, 26
RGB Percent	29%, 5%, 10%
CMY	0.7057, 0.9491, 0.8979
CMYK	0.00, 0.83, 0.65, 0.71
HSL	347°, 71%, 17%
HSV	347°, 83%, 29%
XYZ	3.2351, 1.8594, 1.1675
YIQ	33.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

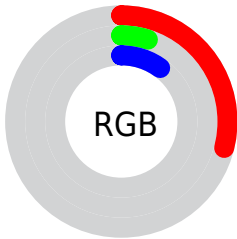
Format	Color
RYB	75, 13, 26
Decimal	4918554
CIELab	14.73, 29.58, 8.88
CIELCh	15, 30.883, 16.716
Yxy	1.8594, 0.5166, 0.2969
Android (android.graphics.Color)	4283108634 (0xFF4B0D1A)
YUV	33.0200, -3.4609, 36.8165
Hunter-Lab	13.6358, 18.4870, 4.4689




Details

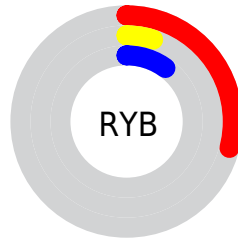
The YIQ color **33.0200, 32.7790, 17.1870** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.9800, -32.7790, -17.1870**, and the grayscale version is **33.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **81.9450, 37.3640, 16.6920**, and **5.0830, 10.1320, 3.6040** is the 20% darker color. If you saturate the color by 10%, you get **27.6400, 36.9050, 19.5050**, and if you desaturate by 10%, it is **37.8130, 28.9280, 15.3920**.

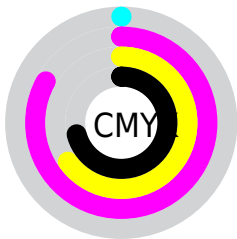
Distribution







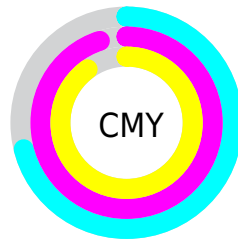
-  Red (29%)
-  Green (5%)
-  Blue (10%)






-  Red (29%)
-  Yellow (5%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (65%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (95%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.0200, 32.7790, 17.1870 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 33.0200, 32.7790, 17.1870 by changing the saturation by 10% instead.

■ 33.0200, 32.7790,
17.1870

■ 33.0200, 32.7790,
17.1870

■ 250.0760, 2.8420,
3.5620

■ 15.2490, 30.3960,
10.8120

■ 81.9450, 37.3640,
16.6920

■ 5.0830, 10.1320,
3.6040

■ 107.3150, 39.1980,
16.4940

■ 0.0000, 0.0000,
0.0000

■ 133.2120, 40.9860,
17.1300


■ 159.9950, 43.0950,
17.4550


■ 187.0060, 44.5620,
18.4020


■ 210.7060, 36.5390,


15.1230


 230.3340, 19.8510,
9.1870


 33.0200, 32.7790,
17.1870


 33.0200, 32.7790,
17.1870


 27.6400, 36.9050,
19.5050


 37.8130, 28.9280,
15.3920

 24.2490, 39.5640,
20.8760

 43.1930, 24.8020,
13.0740

 47.9860, 20.9510,
11.2790

 53.3660, 16.8250,
8.9610

 58.1590, 12.9740,
7.1660

■ 63.5390, 8.8480,
4.8480

■ 68.9190, 4.7220,
2.5300

■ 73.5980, 1.1920,
0.4240

■ 78.9780, -2.9340,
-1.8940

Harmonies

Analogous

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



34.9190, 23.0580, 22.6580



33.0200, 32.7790, 17.1870



33.5450, 35.0740, 3.1220

Triad

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



33.0200, 32.7790, 17.1870



28.5190, -6.7360, -21.1040



33.7740, -37.2300, 2.9140

Complementary

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



33.0200, 32.7790, 17.1870



54.9800, -32.7790, -17.1870

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



33.0200, 32.7790, 17.1870



29.9660, -20.9960, -15.9720

Square

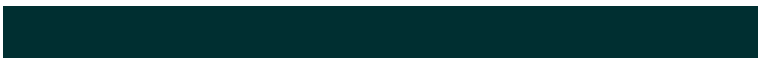
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.0200, 32.7790, 17.1870



34.2440, 10.4560, -13.2880



33.1750, -28.6540, -9.3420



32.8290, -29.8950, 7.6490

Rectangle

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



33.0200, 32.7790, 17.1870



35.2620, 28.3810, -2.2350



33.1750, -28.6540, -9.3420



34.6060, -36.8170, 0.9350

Sweetspot

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



33.0200, 32.7790, 17.1870



80.7460, 12.6990, 6.6430



34.7190, 9.3020, 29.6700



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.



33.0200, 32.7790, 17.1870



31.9840, 50.7960, 26.5720



42.1040, 32.0020, 3.7300



35.3100, 2.0630, 1.1590



32.8920, 54.0510, 28.1550



74.2420, 121.6720, 63.6880

Inverse Universe

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



33.0200, 32.7790, 17.1870



31.9840, 50.7960, 26.5720



45.8960, -32.0020, -3.7300



35.3100, 2.0630, 1.1590



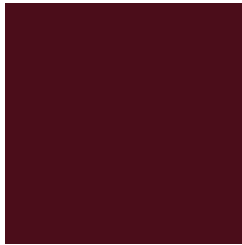
32.8920, 54.0510, 28.1550



74.2420, 121.6720, 63.6880

Previews

White Background



This preview shows how the YIQ color 33.0200, 32.7790, 17.1870 looks on a white background.

Color Contrast Check

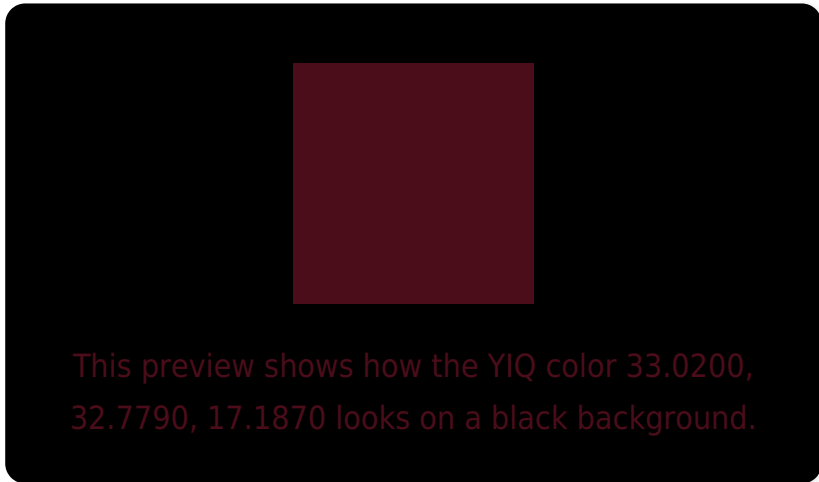
Large Text (above 18pt) WCAG AA ✓ Pass

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

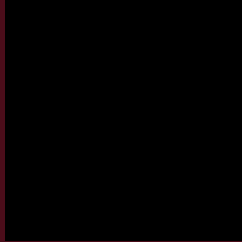
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.0200, 32.7790, 17.1870

Background



This preview shows how black text looks on a background with the YIQ color 33.0200, 32.7790, 17.1870.



This preview shows how white text looks on a background with the YIQ color 33.0200, 32.7790,

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

33.0200, 32.7790, 17.1870

Protanopia

39.3700, 1.8340, -0.1980

Deuteranopia

39.2800, 10.7750, -2.5450



Tritanopia

33.0540, 35.4390, 13.0310

Trichromacy



Original Color

33.0200, 32.7790, 17.1870

Protanomaly

37.2190, 12.7450, 5.8090

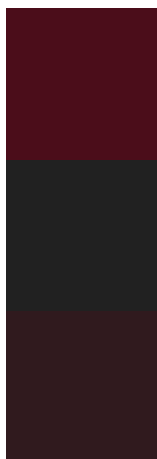
Deuteranomaly

37.1010, 18.8890, 4.5930

Tritanomaly

32.9230, 34.4300, 14.7980

Monochromacy



Original Color

33.0200, 32.7790, 17.1870

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.0200, 32.7790, 17.1870 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(75, 13, 26)` looks like.

```
.text, #text, p{  
    color:rgb(75, 13, 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(75, 13, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 13, 26) }
```

Border

The CSS property to change the border of an element to YIQ 33.0200, 32.7790, 17.1870 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(75, 13, 26) }
```


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

```
.border{ border-color:rgb(75, 13, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 13, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 13, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 13, 26);  
box-shadow:4px 4px 4px 4px rgb(75, 13, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 33.0200, 32.7790, 17.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 13, 26) }
```

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

```
.background{ background-color: rgb(75, 13,  
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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