

Converting Colors

YIQ(39.4330, 33.0540, 17.7100)

Have a look what the booklet for
YIQ(39.4330, 33.0540, 17.7100)
contains.

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Color

**YIQ(39.4330, 33.0540,
17.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	521321
RGB	82, 19, 33
RGB Percent	32%, 7%, 13%
CMY	0.6783, 0.9256, 0.8705
CMYK	0.00, 0.77, 0.60, 0.68
HSL	347°, 62%, 20%
HSV	347°, 77%, 32%
XYZ	3.9906, 2.3705, 1.6883
YIQ	39.4330, 33.0540, 17.7100

Conversions

Conversions Part 2

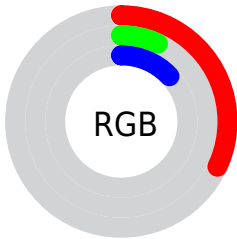
Format	Color
R_{YB}	82, 19, 33
Decimal	5378849
CIE _{Lab}	17.32, 30.15, 7.58
CIE _{LCh}	17, 31.088, 14.112
Yxy	2.3705, 0.4958, 0.2945
Android (android.graphics.Color)	4283568929 (0xFF521321)
YUV	39.4330, -3.1715, 37.3313
Hunter-Lab	15.3964, 19.3215, 4.2759

Details

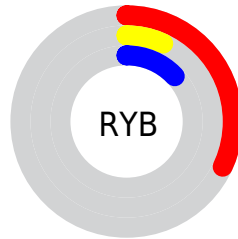
The YIQ color **39.4330, 33.0540, 17.7100** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **61.5670, -33.0540, -17.7100**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.4720, 37.3180, 17.5260**, and **9.6820, 18.7510, 7.0950** is the 20% darker color. If you saturate the color by 10%, you get **34.0530, 37.1800, 20.0280**, and if you desaturate by 10%, it is **44.8130, 28.9280, 15.3920**.

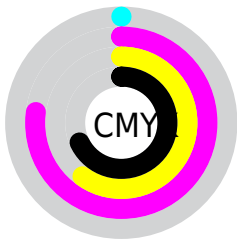
Distribution



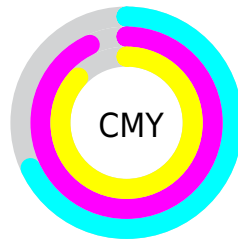
- Red (32%)
- Green (7%)
- Blue (13%)



- Red (32%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (77%)
- Yellow (60%)
- Black (68%)



- Cyan (68%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.4330, 33.0540, 17.7100 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 39.4330, 33.0540, 17.7100 by changing the saturation by 10% instead.

■ 39.4330, 33.0540,
17.7100

■ 39.4330, 33.0540,
17.7100

■ 255.0000, -0.0000,
-0.0000

■ 18.1830, 30.7620,
15.1940

■ 88.4720, 37.3180,
17.5260

■ 9.6820, 18.7510,
7.0950

■ 114.2550, 39.4270,
17.8510

■ 0.0000, 0.0000,
0.0000


■ 140.1520, 41.2150,
18.4870


■ 167.0490, 43.0030,
19.1230


■ 194.5330, 44.5160,
19.2360


■ 215.3680, 31.6790,


15.0950


 235.5830, 14.7160,
8.6360


 39.4330, 33.0540,
17.7100


 39.4330, 33.0540,
17.7100


 34.0530, 37.1800,
20.0280


 44.8130, 28.9280,
15.3920


 28.5590, 41.6270,
22.0350

 50.3070, 24.4810,
13.3850

 26.5700, 43.0940,
22.9820

 56.2740, 20.0800,
10.5440

 61.7680, 15.6330,
8.5370

 67.1480, 11.5070,
6.2190

■ 72.5280, 7.3810,
3.9010

■ 78.0220, 2.9340,
1.8940

■ 83.9890, -1.4670,
-0.9470

■ 89.3690, -5.5930,
-3.2650

Harmonies

Analogous

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



41.3210, 21.8660, 22.2340



39.4330, 33.0540, 17.7100



40.0120, 35.2570, 5.3130

Triad

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



39.4330, 33.0540, 17.7100



35.0030, -5.2230, -20.9910



37.9800, -40.8060, 1.6420

Complementary

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



39.4330, 33.0540, 17.7100



61.5670, -33.0540, -17.7100

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.



38.8460, -37.7330, -4.4930



39.4330, 33.0540, 17.7100



33.9440, -23.9300, -17.8660

Square

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



39.4330, 33.0540, 17.7100



39.5710, 13.8490, -14.2070



37.1530, -31.5880, -11.2360



37.4480, -33.1960, 6.9000

Rectangle

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



39.4330, 33.0540, 17.7100



40.2900, 31.1780, -3.3660



37.1530, -31.5880, -11.2360



38.8120, -40.3930, -0.3370

Sweetspot

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



39.4330, 33.0540, 17.7100



90.1590, 12.9740, 7.1660



40.5340, 8.3850, 29.7690



43.8270, 7.9770, 4.1130



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



39.4330, 33.0540, 17.7100



40.8100, 51.3460, 27.6180



47.8160, 32.8730, 4.4650



38.3100, 2.0630, 1.1590



34.0170, 55.1970, 29.4130



75.2960, 121.5800, 65.3560

Inverse Universe

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



39.4330, 33.0540, 17.7100



40.8100, 51.3460, 27.6180



53.1840, -32.8730, -4.4650



38.3100, 2.0630, 1.1590



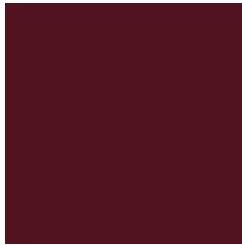
34.0170, 55.1970, 29.4130



75.2960, 121.5800, 65.3560

Previews

White Background



This preview shows how the YIQ color 39.4330, 33.0540, 17.7100 looks on a white background.

Color Contrast Check

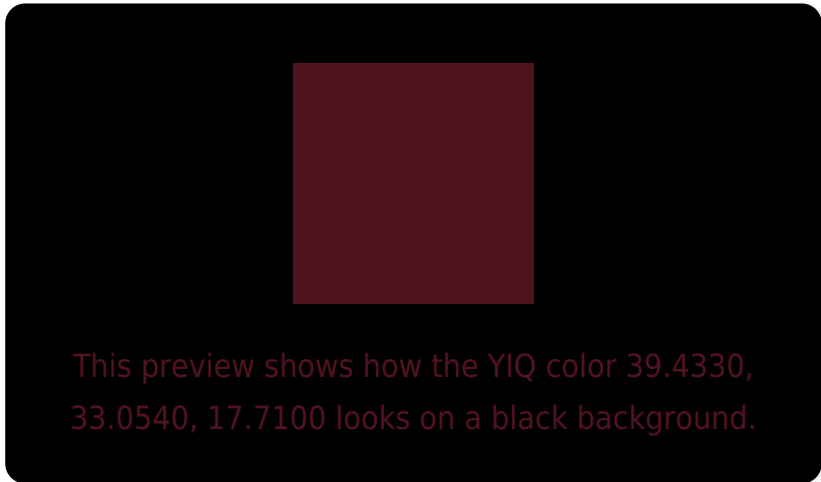
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4330, 33.0540, 17.7100

Background



This preview shows how black text looks on a background with the YIQ color 39.4330, 33.0540, 17.7100.



This preview shows how white text looks on a background with the YIQ color 39.4330, 33.0540,

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

39.4330, 33.0540, 17.7100

Protanopia

44.4130, 0.2750, 0.5230

Deuteranopia

44.5080, 10.1330, -1.9230



Tritanopia

39.3530, 36.0350, 13.2430

Trichromacy



Original Color

39.4330, 33.0540, 17.7100

Protanomaly

42.5610, 11.7820, 6.7420

Deuteranomaly

42.6280, 18.8430, 5.4270

Tritanomaly

39.2220, 35.0260, 15.0100

Monochromacy



Original Color

39.4330, 33.0540, 17.7100

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.4470, 12.1030, 6.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.4330, 33.0540, 17.7100 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(82, 19, 33)` looks like.

```
.text, #text, p{  
    color:rgb(82, 19, 33)  
}
```

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(82, 19, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 19, 33) }
```

Border

The CSS property to change the border of an element to YIQ 39.4330, 33.0540, 17.7100 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(82, 19, 33) }
```


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

```
.border{ border-color:rgb(82, 19, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 19, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 19, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 19, 33);  
box-shadow:4px 4px 4px 4px rgb(82, 19, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.4330, 33.0540, 17.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 19, 33) }
```

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

```
.background{ background-color: rgb(82, 19,  
33) }
```

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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