

Converting Colors

YIQ(33.2560, 37.6860, 10.8540)

Have a look what the booklet for
YIQ(33.2560, 37.6860, 10.8540)
contains.

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Color

**YIQ(33.2560, 37.6860,
10.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	4C100A
RGB	76, 16, 10
RGB Percent	30%, 6%, 4%
CMY	0.7018, 0.9373, 0.9606
CMYK	0.00, 0.79, 0.87, 0.70
HSL	5°, 77%, 17%
HSV	5°, 87%, 30%
XYZ	3.2232, 1.9298, 0.4909
YIQ	33.2560, 37.6860, 10.8540

Conversions

Conversions Part 2

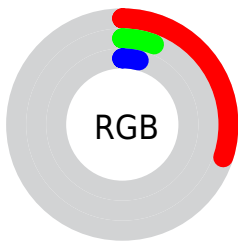
Format	Color
RYB	76, 17, 10
Decimal	4984842
CIELab	15.11, 27.73, 19.04
CIElCh	15, 33.634, 34.474
Yxy	1.9298, 0.5711, 0.3419
Android (android.graphics.Color)	4283174922 (0xFF4C100A)
YUV	33.2560, -11.4652, 37.4865
Hunter-Lab	13.8917, 17.1062, 7.6290

Details

The YIQ color **33.2560, 37.6860, 10.8540** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.7440, -37.6860, -10.8540**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **82.0070, 42.8210, 11.4050**, and **4.7840, 9.5360, 3.3920** is the 20% darker color. If you saturate the color by 10%, you get **28.2350, 42.1790, 12.0270**, and if you desaturate by 10%, it is **38.2770, 33.1930, 9.6810**.

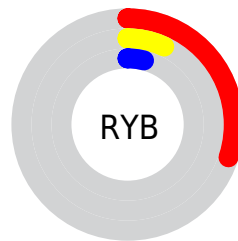
Distribution



Red (30%)

Green (6%)

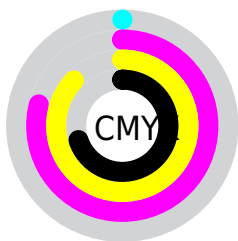
Blue (4%)



Red (30%)

Yellow (7%)

Blue (4%)

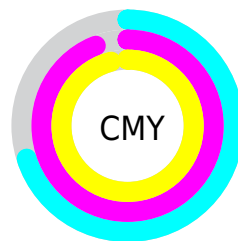


Cyan (0%)

Magenta (79%)

Yellow (87%)

Black (70%)



Cyan (70%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.2560, 37.6860, 10.8540 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 33.2560, 37.6860, 10.8540 by changing the saturation by 10% instead.

■ 33.2560, 37.6860,
10.8540

■ 33.2560, 37.6860,
10.8540

■ 249.0840, 8.3910,
-3.3930

■ 15.2490, 30.3960,
10.8120

■ 82.0070, 42.8210,
11.4050

■ 4.7840, 9.5360,
3.3920

■ 106.9750, 45.8470,
11.6310

■ 0.0000, 0.0000,
0.0000


■ 132.7580, 47.9560,
11.9560


■ 159.5410, 50.0650,
12.2810


■ 187.0250, 51.5780,
12.3940


■ 209.2410, 42.0420,


9.0020


 229.4560, 25.0790,
2.5430


 33.2560, 37.6860,
10.8540


 33.2560, 37.6860,
10.8540


 28.2350, 42.1790,
12.0270


 38.2770, 33.1930,
9.6810

 26.8330, 43.3710,
12.4510

 43.1840, 29.0210,
8.1970

 48.2050, 24.5280,
7.0240

 53.1120, 20.3560,
5.5400

 58.1330, 15.8630,
4.3670

■ 62.5670, 11.6450,
3.7170

■ 67.4740, 7.4730,
2.2330

■ 72.4950, 2.9800,
1.0600

■ 77.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



31.7200, 33.9240, 23.9720



33.2560, 37.6860, 10.8540



36.1590, 30.1690, -1.5990

Triad

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



33.2560, 37.6860, 10.8540



29.4130, -18.0610, -19.6050



33.2840, -38.6060, 5.8260

Complementary

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



33.2560, 37.6860, 10.8540



52.7440, -37.6860, -10.8540

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.



36.2360, -38.6510, 1.1330



33.2560, 37.6860, 10.8540



32.8500, -26.3610, -12.3530

Square

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



33.2560, 37.6860, 10.8540



32.4060, 1.0120, -18.3480



35.4720, -33.7440, -5.2000



38.6470, -8.5310, 16.9490

Rectangle

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



33.2560, 37.6860, 10.8540



36.0930, 21.3670, -7.2810



35.4720, -33.7440, -5.2000



34.4580, -39.1560, 4.7800

Sweetspot

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



33.2560, 37.6860, 10.8540



82.6490, 14.3500, 4.2540



36.6880, 19.7550, 32.9630



40.9580, 8.9860, 2.3460



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.



33.2560, 37.6860, 10.8540



34.8840, 56.5290, 16.2810



52.6270, 28.6110, -6.4050



35.7830, 2.1090, 0.3250



35.7810, 58.3170, 16.9170



81.0970, 131.3050, 37.7770

Inverse Universe

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



52.7440, -37.6860, -10.8540



64.1160, -56.5290, -16.2810



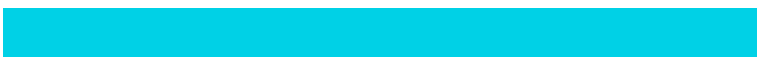
33.9600, -28.8860, 5.8820



36.8040, -2.3840, -0.8480



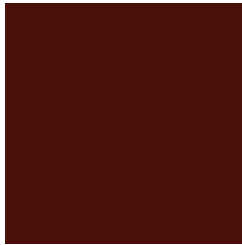
66.2190, -58.3170, -16.9170



148.9030, -131.3050, -37.7770

Previews

White Background



This preview shows how the YIQ color 33.2560, 37.6860, 10.8540 looks on a white background.

Color Contrast Check

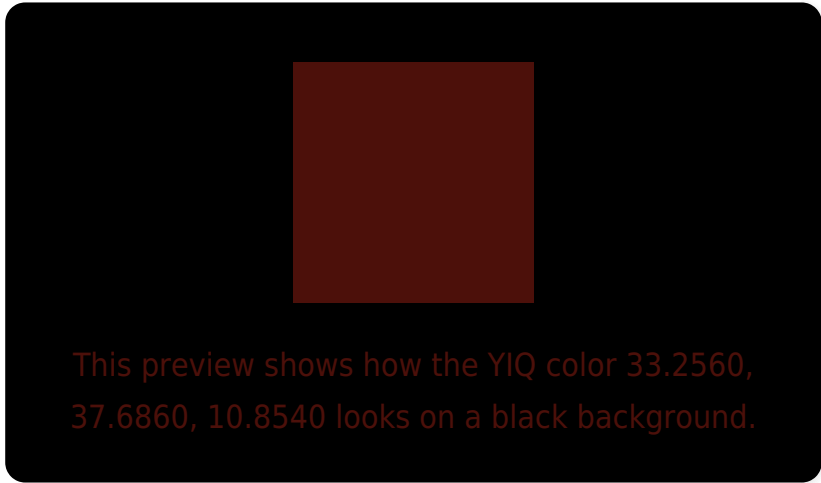
Large Text (above 18pt) WCAG AA ✓ Pass

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

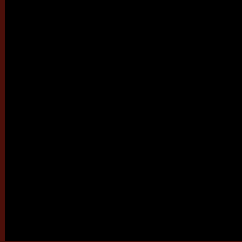
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.2560, 37.6860, 10.8540

Background



This preview shows how black text looks on a background with the YIQ color 33.2560, 37.6860, 10.8540.

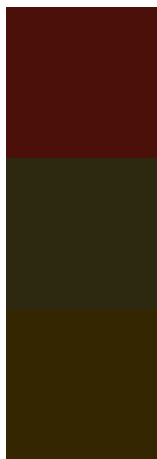


This preview shows how white text looks on a background with the YIQ color 33.2560, 37.6860,

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

33.2560, 37.6860, 10.8540

Protanopia

38.7590, 10.6840, -6.4040

Deuteranopia

37.5550, 19.9460, -9.0620



Tritanopia

33.2390, 36.3560, 12.9320

Trichromacy



Original Color

33.2560, 37.6860, 10.8540

Protanomaly

36.5370, 20.3570, 0.0130

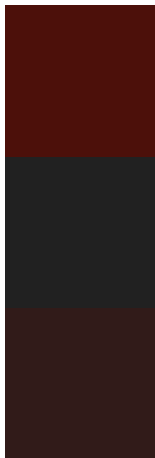
Deuteranomaly

36.0060, 26.2260, -1.7260

Tritanomaly

33.0110, 36.9980, 12.3100

Monochromacy



Original Color

33.2560, 37.6860, 10.8540

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.3500, 13.7540, 4.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.2560, 37.6860, 10.8540 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(76, 16, 10)` looks like.

```
.text, #text, p{  
    color:rgb(76, 16, 10)  
}
```

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(76, 16, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 16, 10) }
```

Border

The CSS property to change the border of an element to YIQ 33.2560, 37.6860, 10.8540 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(76, 16, 10) }
```


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

```
.border{ border-color:rgb(76, 16, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 16, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 16, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 16, 10);  
box-shadow:4px 4px 4px 4px rgb(76, 16, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 33.2560, 37.6860, 10.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 16, 10) }
```

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

```
.background{ background-color: rgb(76, 16,  
10) }
```

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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