

Converting Colors

YIQ(34.8170, 13.9370, 6.2330)

Have a look what the booklet for
YIQ(34.8170, 13.9370, 6.2330)
contains.

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Color

**YIQ(34.8170, 13.9370,
6.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	341B1E
RGB	52, 27, 30
RGB Percent	20%, 11%, 12%
CMY	0.7960, 0.8942, 0.8823
CMYK	0.00, 0.48, 0.42, 0.80
HSL	353°, 32%, 15%
HSV	353°, 48%, 20%
XYZ	2.0432, 1.6077, 1.4318
YIQ	34.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

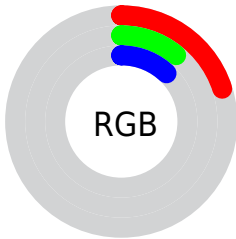
Format	Color
R_{YB}	52, 27, 30
Decimal	3414814
CIE _{Lab}	13.28, 12.83, 3.27
CIE _{LCh}	13, 13.242, 14.297
Yxy	1.6077, 0.4020, 0.3163
Android (android.graphics.Color)	4281604894 (0xFF341B1E)
YUV	34.8170, -2.3748, 15.0695
Hunter-Lab	12.6794, 6.5750, 2.1802

Details

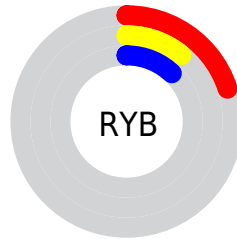
The YIQ color **34.8170, 13.9370, 6.2330** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.1830, -13.9370, -6.2330**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.0130, 16.3210, 7.0810**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.3120, 16.9170, 7.2930**, and if you desaturate by 10%, it is **38.3220, 10.9570, 5.1730**.

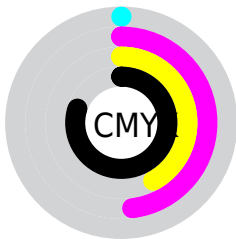
Distribution



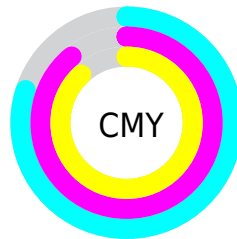
- Red (20%)
- Green (11%)
- Blue (12%)



- Red (20%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (48%)
- Yellow (42%)
- Black (80%)



- Cyan (80%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.8170, 13.9370, 6.2330 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 34.8170, 13.9370, 6.2330 by changing the saturation by 10% instead.

■ 34.8170, 13.9370,
6.2330

■ 34.8170, 13.9370,
6.2330

■ 255.0000, -0.0000,
-0.0000

■ 11.6110, 17.5130,
7.5050

■ 80.0130, 16.3210,
7.0810

■ 0.0000, 0.0000,
0.0000

■ 104.1980, 17.2380,
6.9820


■ 128.9100, 18.1090,
7.7170


■ 155.2090, 18.7050,
7.9290


■ 182.3940, 19.6220,
7.8300


■ 209.8070, 19.8970,


8.3530


 235.7140, 15.7250,
6.8690


 34.8170, 13.9370,
6.2330


 34.8170, 13.9370,
6.2330


 31.3120, 16.9170,
7.2930


 38.3220, 10.9570,
5.1730


 27.9210, 19.5760,
8.6640


 41.7130, 8.2980,
3.8020


 23.8290, 22.8310,
10.2470

 45.8050, 5.0430,
2.2190

 20.4380, 25.4900,
11.6180

 49.1960, 2.3840,
0.8480

 16.9330, 28.4700,
12.6780

 52.7010, -0.5960,
-0.2120

■ 16.2320, 29.0660,
12.8900

■ 56.0920, -3.2550,
-1.5830

■ 59.5970, -6.2350,
-2.6430

■ 63.6890, -9.4900,
-4.2260

■ 67.0800, -12.1490,
-5.5970

Harmonies

Analogous

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



35.5330, 8.9850, 7.8730



34.8170, 13.9370, 6.2330



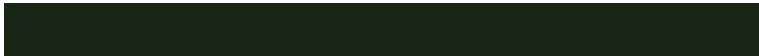
34.4810, 14.7630, 2.2750

Triad

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



34.8170, 13.9370, 6.2330



31.5880, -2.0160, -7.5200



30.6480, -19.4400, -0.1120

Complementary

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



34.8170, 13.9370, 6.2330



44.1830, -13.9370, -6.2330

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.



27.6640, -25.5370, -5.2570



34.8170, 13.9370, 6.2330



30.3850, -11.6900, -8.4100

Square

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



34.8170, 13.9370, 6.2330



33.0190, 7.0160, -6.0080



27.8230, -21.7310, -8.1550



34.2580, -9.3540, 4.3260

Rectangle

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



34.8170, 13.9370, 6.2330



34.1880, 14.0300, -0.9620



27.8230, -21.7310, -8.1550



29.2130, -22.6490, -2.5290

Sweetspot

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



34.8170, 13.9370, 6.2330



62.1040, 5.6390, 2.4310



36.4280, 5.0870, 12.4390



31.7940, 3.5760, 1.2720



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.



34.8170, 13.9370, 6.2330



41.5300, 22.2350, 10.0350



39.7580, 12.4250, 0.5930



23.8970, 1.7880, 0.6360



27.8650, 49.5130, 22.2890



67.8470, 120.9860, 54.0900

Inverse Universe

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



34.8170, 13.9370, 6.2330



41.5300, 22.2350, 10.0350



39.2420, -12.4250, -0.5930



23.8970, 1.7880, 0.6360



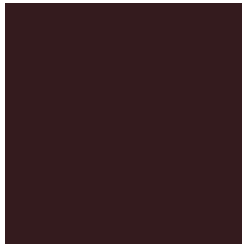
27.8650, 49.5130, 22.2890



67.8470, 120.9860, 54.0900

Previews

White Background



This preview shows how the YIQ color 34.8170, 13.9370, 6.2330 looks on a white background.

Color Contrast Check

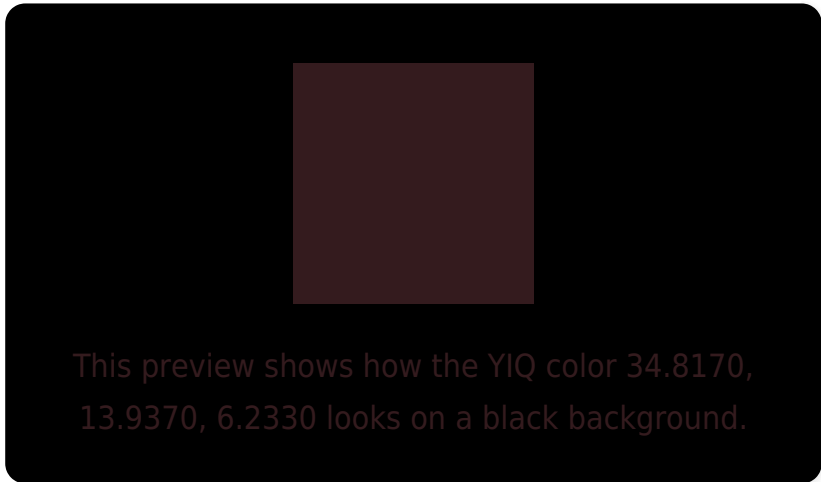
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8170, 13.9370, 6.2330

Background



This preview shows how black text looks on a background with the YIQ color 34.8170, 13.9370, 6.2330.

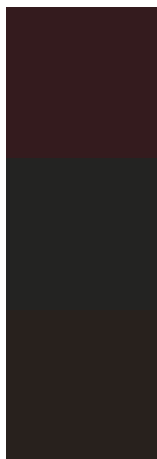


This preview shows how white text looks on a background with the YIQ color 34.8170, 13.9370,

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

34.8170, 13.9370, 6.2330

Protanopia

34.8860, 0.3210, -0.3110

Deuteranopia

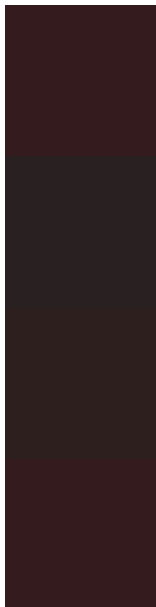
34.6370, 5.4560, 0.2400



Tritanopia

34.7030, 14.2580, 5.9220

Trichromacy



Original Color

34.8170, 13.9370, 6.2330

Protanomaly

34.8050, 5.0430, 2.2190

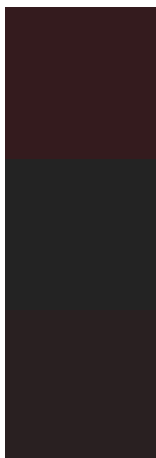
Deuteranomaly

34.6590, 8.3900, 2.1340

Tritanomaly

34.7030, 14.2580, 5.9220

Monochromacy



Original Color

34.8170, 13.9370, 6.2330

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8050, 5.0430, 2.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.8170, 13.9370, 6.2330 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(52, 27, 30)` looks like.

```
.text, #text, p{  
    color:rgb(52, 27, 30)  
}
```

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(52, 27, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 27, 30) }
```

Border

The CSS property to change the border of an element to YIQ 34.8170, 13.9370, 6.2330 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(52, 27, 30) }
```


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

```
.border{ border-color:rgb(52, 27, 30) }
```

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

Here you see how a box with a 4 pixel rgb(52, 27, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 27, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 27, 30);  
box-shadow:4px 4px 4px 4px rgb(52, 27, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.8170, 13.9370, 6.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 27, 30) }
```

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

```
.background{ background-color: rgb(52, 27,  
30) }
```

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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