

Converting Colors

YIQ(61.8870, 34.1110, 4.0550)

Have a look what the booklet for
YIQ(61.8870, 34.1110, 4.0550)
contains.

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Color

**YIQ(61.8870, 34.1110,
4.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	61321F
RGB	97, 50, 31
RGB Percent	38%, 20%, 12%
CMY	0.6195, 0.8040, 0.8783
CMYK	0.00, 0.48, 0.68, 0.62
HSL	17°, 52%, 25%
HSV	17°, 68%, 38%
XYZ	6.3201, 4.9214, 1.9158
YIQ	61.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

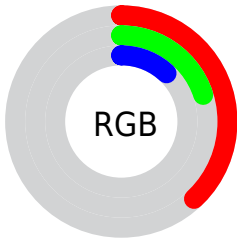
Format	Color
R_{YB}	97, 58, 31
Decimal	6369823
CIE _{Lab}	26.51, 19.33, 21.27
CIE _{LCh}	27, 28.746, 47.736
Yxy	4.9214, 0.4803, 0.3740
Android (android.graphics.Color)	4284559903 (0xFF61321F)
YUV	61.8870, -15.2273, 30.7941
Hunter-Lab	22.1843, 12.0302, 10.4088

Details

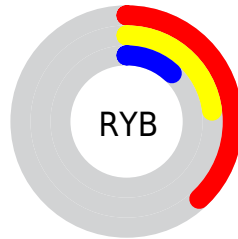
The YIQ color **61.8870, 34.1110, 4.0550** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.1130, -34.1110, -4.0550**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.7520, 38.9250, 4.9170**, and **17.2760, 25.7660, 6.6140** is the 20% darker color. If you saturate the color by 10%, you get **56.6380, 39.2460, 4.6060**, and if you desaturate by 10%, it is **67.1360, 28.9760, 3.5040**.

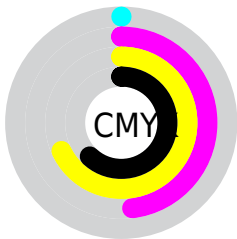
Distribution



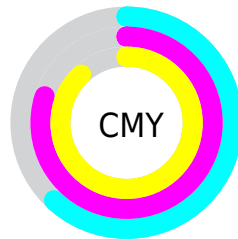
- Red (38%)
- Green (20%)
- Blue (12%)



- Red (38%)
- Yellow (23%)
- Blue (12%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (62%)



- Cyan (62%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.8870, 34.1110, 4.0550 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 61.8870, 34.1110, 4.0550 by changing the saturation by 10% instead.

■ 61.8870, 34.1110,
4.0550

■ 61.8870, 34.1110,
4.0550

■ 255.0000, -0.0000,
-0.0000

■ 38.5770, 32.0480,
2.8960

■ 110.7520, 38.9250,
4.9170

■ 17.2760, 25.7660,
6.6140

■ 136.5350, 41.0340,
5.2420

■ 3.2890, 6.5560,
2.3320

■ 163.0190, 42.5470,
5.3550

■ 0.0000, 0.0000,
0.0000

■ 190.5030, 44.0600,
5.4680

■ 214.9970, 39.6130,
3.4610

■ 235.2120, 22.6500,

-2.9980

252.4920, 7.0620,
-6.8420

61.8870, 34.1110,
4.0550

61.8870, 34.1110,
4.0550

56.6380, 39.2460,
4.6060

67.1360, 28.9760,
3.5040

51.5030, 44.0600,
5.4680

72.2710, 24.1620,
2.6420

46.2540, 49.1950,
6.0190

77.5200, 19.0270,
2.0910

45.4390, 50.1120,
5.9200

82.7690, 13.8920,
1.5400

88.0180, 8.7570,
0.9890

■ 92.5660, 4.2180,
0.6500

■ 97.8150, -0.9170,
0.0990

■ 103.0640, -6.0520,
-0.4520

■ 108.1990,
-10.8660, -1.3140

Harmonies

Analogous

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



62.4390, 32.9170, 14.6850



61.8870, 34.1110, 4.0550



60.6160, 27.1440, -7.3520

Triad

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



61.8870, 34.1110, 4.0550



48.8930, -37.0880, -21.6960



62.0150, -21.5510, 10.6170

Complementary

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



61.8870, 34.1110, 4.0550



66.1130, -34.1110, -4.0550

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.



51.8860, -52.4050, -2.9090



61.8870, 34.1110, 4.0550



51.4010, -44.1500, -14.8540

Square

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



61.8870, 34.1110, 4.0550



55.8010, -7.4700, -18.8140



53.0940, -50.2950, -8.1110



64.9320, 3.8480, 18.3760

Rectangle

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



61.8870, 34.1110, 4.0550



59.7350, 19.2590, -13.1330



53.0940, -50.2950, -8.1110



58.6330, -32.2790, 6.8010

Sweetspot

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



61.8870, 34.1110, 4.0550



111.5840, 12.9750, 1.6390



56.0920, 24.2490, 28.6090



55.7190, 8.1610, 0.7770



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



61.8870, 34.1110, 4.0550



70.4070, 53.1380, 6.1460



81.2580, 25.0360, -13.2040



45.7830, 2.1090, 0.3250



52.2720, 57.9520, 7.0080



112.2630, 124.0650, 14.7930

Inverse Universe

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



66.1130, -34.1110, -4.0550



77.1800, -53.4130, -6.6690



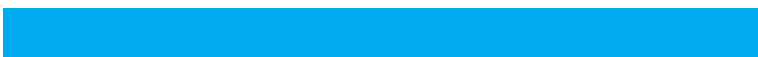
46.7420, -25.0360, 13.2040



46.2170, -2.1090, -0.3250



59.7280, -57.9520, -7.0080



127.7370, -124.0650, -14.7930

Previews

White Background



This preview shows how the YIQ color 61.8870, 34.1110, 4.0550 looks on a white background.

Color Contrast Check

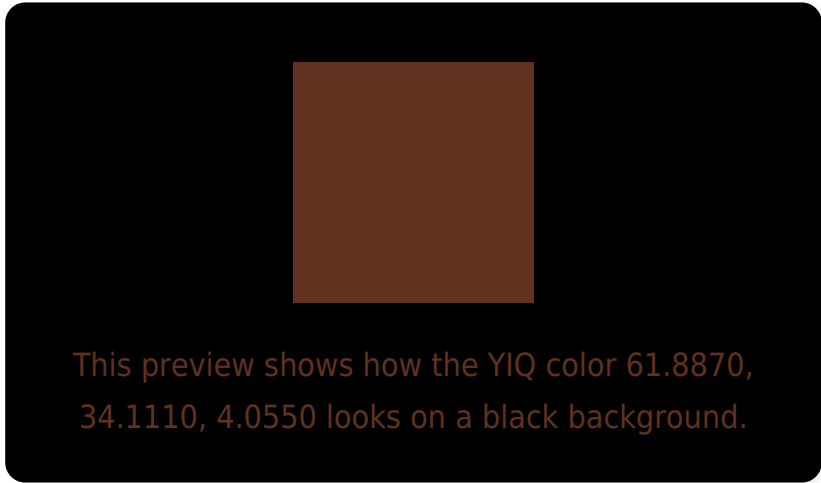
Large Text (above 18pt) WCAG AA ✓ Pass

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

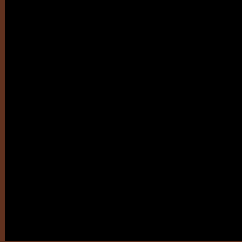
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.8870, 34.1110, 4.0550

Background



This preview shows how black text looks on a background with the YIQ color 61.8870, 34.1110, 4.0550.

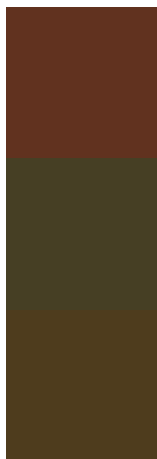


This preview shows how white text looks on a background with the YIQ color 61.8870, 34.1110,

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

61.8870, 34.1110, 4.0550

Protanopia

62.0150, 12.8390, -6.9130

Deuteranopia

61.8480, 20.6790, -5.8250



Tritanopia

63.2920, 28.8370, 11.5330

Trichromacy



Original Color

61.8870, 34.1110, 4.0550

Protanomaly

61.8420, 20.8160, -2.8000

Deuteranomaly

61.7070, 25.6300, -1.9380

Tritanomaly

63.0810, 30.8090, 8.8330

Monochromacy



Original Color

61.8870, 34.1110, 4.0550

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.2850, 12.3790, 1.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.8870, 34.1110, 4.0550 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(97, 50, 31)` looks like.

```
.text, #text, p{  
    color:rgb(97, 50, 31)  
}
```

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(97, 50, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 50, 31) }
```

Border

The CSS property to change the border of an element to YIQ 61.8870, 34.1110, 4.0550 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(97, 50, 31) }
```


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

```
.border{ border-color:rgb(97, 50, 31) }
```

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

Here you see how a box with a 4 pixel rgb(97, 50, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 50, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 50, 31);  
box-shadow:4px 4px 4px 4px rgb(97, 50, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.8870, 34.1110, 4.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 50, 31) }
```

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

```
.background{ background-color: rgb(97, 50,  
31) }
```

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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