

Converting Colors

YIQ(109.8370, 63.9110, 14.6550)

Have a look what the booklet for
YIQ(109.8370, 63.9110, 14.6550)
contains.

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Color

**YIQ(109.8370, 63.9110,
14.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	B45340
RGB	180, 83, 64
RGB Percent	71%, 33%, 25%
CMY	0.2939, 0.6746, 0.7487
CMYK	0.00, 0.54, 0.64, 0.29
HSL	10°, 48%, 48%
HSV	10°, 64%, 71%
XYZ	22.8529, 16.2612, 6.7950
YIQ	109.8370, 63.9110, 14.6550

Conversions

Conversions Part 2

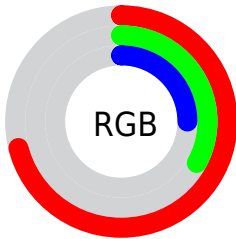
Format	Color
RYB	180, 87, 64
Decimal	11817792
CIELab	47.32, 38.00, 29.83
CIELCh	47, 48.313, 38.135
Yxy	16.2612, 0.4978, 0.3542
Android (android.graphics.Color)	4290007872 (0xFFB45340)
YUV	109.8370, -22.5976, 61.5330
Hunter-Lab	40.3252, 30.5895, 18.2370

Details

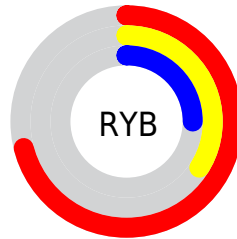
The YIQ color **109.8370, 63.9110, 14.6550** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.1630, -63.9110, -14.6550**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7730, 69.9630, 15.1070**, and **57.5420, 57.4920, 15.3480** is the 20% darker color. If you saturate the color by 10%, you get **98.9800, 73.8140, 16.9020**, and if you desaturate by 10%, it is **120.6940, 54.0080, 12.4080**.

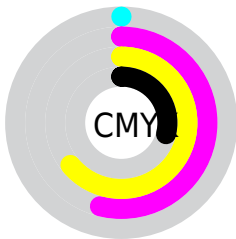
Distribution



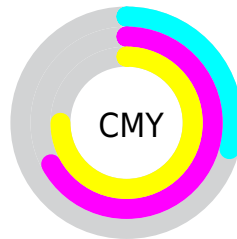
- Red (71%)
- Green (33%)
- Blue (25%)



- Red (71%)
- Yellow (34%)
- Blue (25%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.8370, 63.9110, 14.6550 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 109.8370, 63.9110, 14.6550 by changing the saturation by 10% instead.

■ 109.8370, 63.9110,
14.6550

■ 109.8370, 63.9110,
14.6550

■ 255.0000, -0.0000,
-0.0000

■ 83.9830, 60.5640,
14.7400

■ 163.7730, 69.9630,
15.1070

■ 57.5420, 57.4920,
15.3480

■ 187.0710, 63.1320,
12.2520

■ 28.6930, 55.7490,
19.4050

■ 205.8840, 47.3610,
6.2170

■ 19.4350, 38.7400,
13.7800

■ 226.0990, 30.3980,
-0.2420

■ 12.0740, 23.5190,
8.7910

■ 246.2000, 13.7560,
-7.0120

■ 0.0000, 0.0000,
0.0000

■ 254.2020, 2.2470,

-2.1770

■ 109.8370, 63.9110,
14.6550

■ 109.8370, 63.9110,
14.6550

■ 98.9800, 73.8140,
16.9020

■ 120.6940, 54.0080,
12.4080

■ 88.1230, 83.7170,
19.1490

■ 131.5510, 44.1050,
10.1610

■ 77.2660, 93.6200,
21.3960

■ 142.4080, 34.2020,
7.9140

■ 70.8430, 99.3050,
22.9930

■ 153.2650, 24.2990,
5.6670

■ 164.1220, 14.3960,
3.4200

■ 174.9790, 4.4930,
1.1730

■ 185.8360, -5.4100,
-1.0740

■ 197.2800,
-15.5880, -3.8440

■ 208.1370,
-25.4910, -6.0910

Harmonies

Analogous

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



110.7940, 57.4430, 32.7630



109.8370, 63.9110, 14.6550



108.8180, 55.7540, -8.2300

Triad

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



109.8370, 63.9110, 14.6550



85.4300, -61.4300, -43.1100



102.0870, -65.6120, 10.6760

Complementary

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



109.8370, 63.9110, 14.6550



134.1630, -63.9110, -14.6550

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.



94.6930, -94.4020, -7.2180



109.8370, 63.9110, 14.6550



91.3920, -75.4620, -31.0940

Square

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



109.8370, 63.9110, 14.6550



101.7240, -0.5440, -34.2080



94.6640, -87.4310, -17.9190



115.3890, -7.2040, 31.4520

Rectangle

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



109.8370, 63.9110, 14.6550



107.1550, 44.0190, -21.3330



94.6640, -87.4310, -17.9190



91.3820, -94.7240, -1.3800

Sweetspot

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



109.8370, 63.9110, 14.6550



207.5640, 24.8950, 5.8790



109.9700, 37.3570, 55.3810



101.0080, 14.7170, 3.1090



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



109.8370, 63.9110, 14.6550



125.1420, 99.9010, 23.2050



142.7090, 48.5110, -14.6330



83.8650, 4.8140, 0.8620



60.4220, 84.3130, 19.3610



10.1220, 14.3960, 3.4200

Inverse Universe

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



134.1630, -63.9110, -14.6550



163.2710, -99.6260, -22.6820



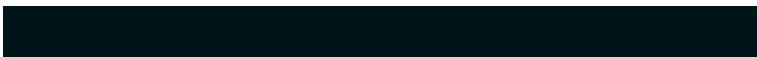
101.2910, -48.5110, 14.6330



85.7220, -5.0890, -1.3850



92.5780, -84.3130, -19.3610



15.2910, -14.1210, -2.8970

Previews

White Background



This preview shows how the YIQ color 109.8370, 63.9110, 14.6550 looks on a white background.

Color Contrast Check

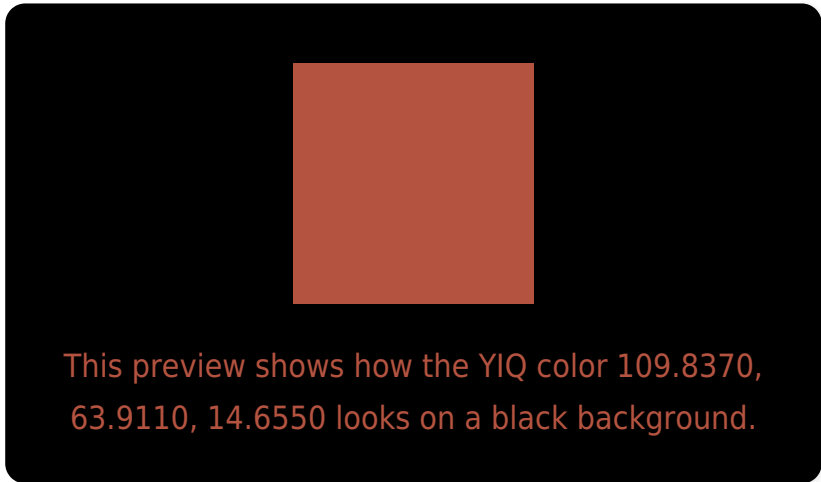
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.8370, 63.9110, 14.6550

Background



This preview shows how black text looks on a background with the YIQ color 109.8370, 63.9110, 14.6550.



This preview shows how white text looks on a background with the YIQ color 109.8370, 63.9110,

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

109.8370, 63.9110, 14.6550

Protanopia

111.3590, 17.5620, -9.9100

Deuteranopia

111.3840, 33.6090, -8.8790



Tritanopia

110.7690, 58.5910, 22.9670

Trichromacy



Original Color

109.8370, 63.9110, 14.6550

Protanomaly

110.7250, 34.3870, -0.9490

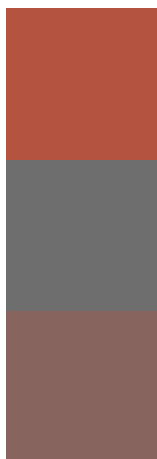
Deuteranomaly

110.8140, 44.3820, -0.3700

Tritanomaly

110.4440, 60.8840, 19.9560

Monochromacy



Original Color

109.8370, 63.9110, 14.6550

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6670, 23.1070, 5.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.8370, 63.9110, 14.6550 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(180, 83, 64)` looks like.

```
.text, #text, p{  
    color:rgb(180, 83, 64)  
}
```

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(180, 83, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 83, 64) }
```

Border

The CSS property to change the border of an element to YIQ 109.8370, 63.9110, 14.6550 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(180, 83, 64) }
```


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

```
.border{ border-color:rgb(180, 83, 64) }
```

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

Here you see how a box with a 4 pixel rgb(180, 83, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 83, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 83, 64);  
box-shadow:4px 4px 4px 4px rgb(180, 83,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 109.8370, 63.9110, 14.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 83, 64) }
```

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

```
.background{ background-color: rgb(180, 83,  
64) }
```

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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