

Converting Colors

YIQ(73.8150, 34.6140, 11.4620)

Have a look what the booklet for
YIQ(73.8150, 34.6140, 11.4620)
contains.

YIQ(73.8150, 34.6140, 11.4620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(73.8150, 34.6140,
11.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	723937
RGB	114, 57, 55
RGB Percent	45%, 22%, 22%
CMY	0.5528, 0.7766, 0.7842
CMYK	0.00, 0.50, 0.52, 0.55
HSL	2°, 35%, 33%
HSV	2°, 52%, 45%
XYZ	9.0963, 6.7798, 4.4481
YIQ	73.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

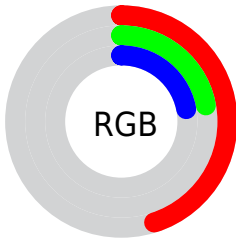
Format	Color
R_{YB}	114, 57, 55
Decimal	7485751
CIE Lab	31.30, 24.83, 12.67
CIE LCh	31, 27.873, 27.039
Yxy	6.7798, 0.4476, 0.3336
Android (android.graphics.Color)	4285675831 (0xFF723937)
YUV	73.8150, -9.2758, 35.2422
Hunter-Lab	26.0380, 16.7918, 8.0980

Details

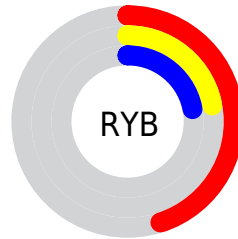
The YIQ color **73.8150, 34.6140, 11.4620** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.1850, -34.6140, -11.4620**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7940, 39.1070, 12.6350**, and **26.3630, 30.0750, 11.1230** is the 20% darker color. If you saturate the color by 10%, you get **66.1040, 41.1700, 13.7940**, and if you desaturate by 10%, it is **81.5260, 28.0580, 9.1300**.

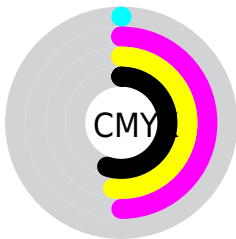
Distribution



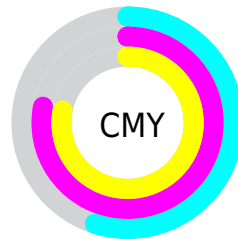
- Red (45%)
- Green (22%)
- Blue (22%)



- Red (45%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (52%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8150, 34.6140, 11.4620 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 73.8150, 34.6140, 11.4620 by changing the saturation by 10% instead.

■ 73.8150, 34.6140,
11.4620

■ 73.8150, 34.6140,
11.4620

■ 255.0000, -0.0000,
-0.0000

■ 50.1460, 32.1840,
11.4480

■ 123.7940, 39.1070,
12.6350

■ 26.3630, 30.0750,
11.1230

■ 150.2780, 40.6200,
12.7480

■ 12.2590, 24.4360,
8.6920

■ 177.1750, 42.4080,
13.3840

■ 0.0000, 0.0000,
0.0000

■ 205.2460, 43.6460,
12.9740

■ 224.2870, 27.2330,
7.5610

■ 244.5020, 10.2700,

1.1020

■ 73.8150, 34.6140,
11.4620

■ 73.8150, 34.6140,
11.4620

■ 66.1040, 41.1700,
13.7940

■ 81.5260, 28.0580,
9.1300

■ 58.2790, 48.0470,
15.8150

■ 89.3510, 21.1810,
7.1090

■ 50.5680, 54.6030,
18.1470

■ 97.0620, 14.6250,
4.7770

■ 42.7430, 61.4800,
20.1680

■ 104.8870, 7.7480,
2.7560

■ 36.4340, 66.8440,
22.0760

■ 112.5980, 1.1920,
0.4240

■ 120.3090, -5.3640,
-1.9080

■ 128.1340,
-12.2410, -3.9290

■ 135.8450,
-18.7970, -6.2610

■ 143.6700,
-25.6740, -8.2820

Harmonies

Analogous

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



74.5510, 26.9100, 18.9260



73.8150, 34.6140, 11.4620



73.1810, 33.1030, 0.2950

Triad

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



73.8150, 34.6140, 11.4620



66.2670, -14.7140, -19.6900



66.9090, -42.0440, 2.0520

Complementary

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



73.8150, 34.6140, 11.4620



95.1850, -34.6140, -11.4620

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.



60.6740, -57.8600, -8.6760



73.8150, 34.6140, 11.4620



57.9890, -46.1660, -22.3740

Square

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



73.8150, 34.6140, 11.4620



69.5810, 7.8890, -16.3270



59.9100, -52.9530, -15.0090



74.9130, -12.3360, 14.3200

Rectangle

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



73.8150, 34.6140, 11.4620



72.3280, 28.0150, -6.6170



59.9100, -52.9530, -15.0090



59.5970, -58.9610, -5.2410

Sweetspot

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



73.8150, 34.6140, 11.4620



131.7630, 14.0290, 4.5650



79.2530, 16.5460, 30.5460



64.1860, 8.3440, 2.9680



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



73.8150, 34.6140, 11.4620



85.2690, 54.0070, 17.9350



90.8380, 26.6390, -3.7050



52.3810, 3.3010, 0.7490



38.2280, 70.4200, 23.3480



78.5490, 145.0120, 48.1800

Inverse Universe

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



95.1850, -34.6140, -11.4620



118.7310, -54.0070, -17.9350



78.7490, -26.9140, 3.1820



54.2060, -3.5760, -1.2720



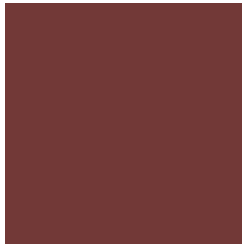
81.7720, -70.4200, -23.3480



168.4510, -145.0120, -48.1800

Previews

White Background



This preview shows how the YIQ color 73.8150, 34.6140, 11.4620 looks on a white background.

Color Contrast Check

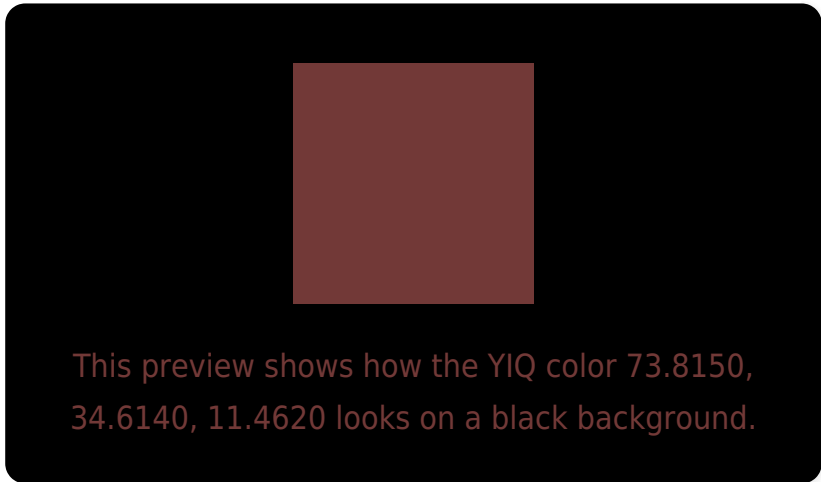
Large Text (above 18pt) WCAG AA ✓ Pass

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

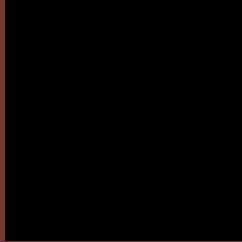
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.8150, 34.6140, 11.4620

Background



This preview shows how black text looks on a background with the YIQ color 73.8150, 34.6140, 11.4620.

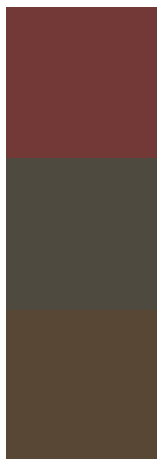


This preview shows how white text looks on a background with the YIQ color 73.8150, 34.6140,

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

73.8150, 34.6140, 11.4620

Protanopia

73.9420, 5.9150, -2.5730

Deuteranopia

74.0310, 15.9100, -1.9940



Tritanopia

73.7980, 33.2840, 13.5400

Trichromacy



Original Color

73.8150, 34.6140, 11.4620

Protanomaly

73.9650, 16.2760, 2.3880

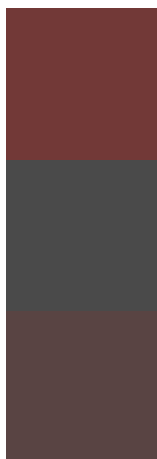
Deuteranomaly

73.9010, 22.3280, 2.8400

Tritanomaly

73.5700, 33.9260, 12.9180

Monochromacy



Original Color

73.8150, 34.6140, 11.4620

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1650, 12.8370, 4.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8150, 34.6140, 11.4620 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(114, 57, 55)` looks like.

```
.text, #text, p{  
    color:rgb(114, 57, 55)  
}
```

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(114, 57, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 57, 55) }
```

Border

The CSS property to change the border of an element to YIQ 73.8150, 34.6140, 11.4620 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(114, 57, 55) }
```


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

```
.border{ border-color:rgb(114, 57, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 57, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 57, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 57, 55);  
box-shadow:4px 4px 4px 4px rgb(114, 57,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 73.8150, 34.6140, 11.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 57, 55) }
```

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

```
.background{ background-color: rgb(114, 57,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor