

Converting Colors

YIQ(73.6540, 51.4850, 19.5890)

Have a look what the booklet for
YIQ(73.6540, 51.4850, 19.5890)
contains.

YIQ(73.6540, 51.4850, 19.5890)	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(73.6540, 51.4850,
19.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	872F32
RGB	135, 47, 50
RGB Percent	53%, 18%, 20%
CMY	0.4704, 0.8158, 0.8037
CMYK	0.00, 0.65, 0.63, 0.47
HSL	358°, 48%, 36%
HSV	358°, 65%, 53%
XYZ	11.5922, 7.4162, 3.8439
YIQ	73.6540, 51.4850, 19.5890

Conversions

Conversions Part 2

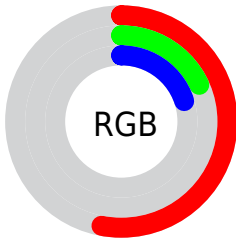
Format	Color
R_{YB}	135, 47, 50
Decimal	8859442
CIE Lab	32.74, 37.89, 18.42
CIE LCh	33, 42.128, 25.925
Yxy	7.4162, 0.5073, 0.3245
Android (android.graphics.Color)	4287049522 (0xFF872F32)
YUV	73.6540, -11.6614, 53.8004
Hunter-Lab	27.2327, 28.3256, 10.6940

Details

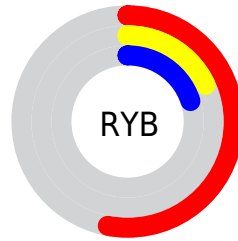
The YIQ color **73.6540, 51.4850, 19.5890** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **108.3460, -51.4850, -19.5890**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1770, 57.2620, 19.5180**, and **24.3760, 46.3960, 18.2040** is the 20% darker color. If you saturate the color by 10%, you get **63.9540, 59.5080, 22.8680**, and if you desaturate by 10%, it is **82.7670, 43.7370, 16.8330**.

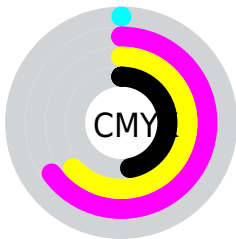
Distribution



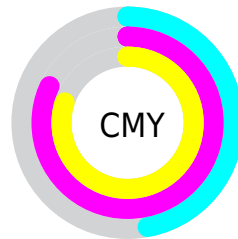
- Red (53%)
- Green (18%)
- Blue (20%)



- Red (53%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (82%)
- Yellow (80%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6540, 51.4850, 19.5890 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 73.6540, 51.4850, 19.5890 by changing the saturation by 10% instead.

73.6540, 51.4850,
19.5890

73.6540, 51.4850,
19.5890

255.0000, -0.0000,
-0.0000

47.0390, 48.9630,
21.2430

126.1770, 57.2620,
19.5180

24.3760, 46.3960,
18.2040

152.9600, 59.3710,
19.8430

16.1460, 32.1840,
11.4480

180.1560, 61.7550,
20.6910

4.7840, 9.5360,
3.3920

200.4530, 47.4970,
14.7690

0.0000, 0.0000,
0.0000

220.0810, 30.8090,
8.8330

239.7090, 14.1210,

2.8970

■ 73.6540, 51.4850,
19.5890

■ 73.6540, 51.4850,
19.5890

■ 63.9540, 59.5080,
22.8680

■ 82.7670, 43.7370,
16.8330

■ 54.8410, 67.2560,
25.6240

■ 92.4670, 35.7140,
13.5540

■ 45.1410, 75.2790,
28.9030

■ 101.5800, 27.9660,
10.7980

■ 40.9350, 78.8550,
30.1750

■ 111.2800, 19.9430,
7.5190

■ 120.3930, 12.1950,
4.7630

■ 130.0930, 4.1720,
1.4840

■ 139.7930, -3.8510,
-1.7950

■ 148.9060,
-11.5990, -4.5510

■ 158.6060,
-19.6220, -7.8300

Harmonies

Analogous

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



75.0570, 40.5250, 30.9970



73.6540, 51.4850, 19.5890



73.7930, 48.8750, 0.8030

Triad

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



73.6540, 51.4850, 19.5890



59.7500, -29.7960, -32.7080



64.4360, -68.4530, 1.5870

Complementary

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



73.6540, 51.4850, 19.5890



108.3460, -51.4850, -19.5890

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.



67.2910, -66.8470, -5.4950



73.6540, 51.4850, 19.5890



62.0980, -48.0910, -26.0350

Square

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



73.6540, 51.4850, 19.5890



69.5410, 13.3930, -27.9750



65.9740, -59.0050, -15.4610



76.7410, -23.2950, 20.2010

Rectangle

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



73.6540, 51.4850, 19.5890



73.1260, 42.9630, -13.2050



65.9740, -59.0050, -15.4610



66.0830, -68.9570, -0.2930

Sweetspot

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



73.6540, 51.4850, 19.5890



151.5790, 20.5390, 7.7310



82.1480, 21.8160, 45.1760



74.3930, 12.1950, 4.7630



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



73.6540, 51.4850, 19.5890



80.5330, 80.0470, 30.5990



96.7920, 41.4480, -2.2640



61.7940, 3.5760, 1.2720



39.4400, 75.8750, 29.1150



0.8970, 1.7880, 0.6360

Inverse Universe

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



73.6540, 51.4850, 19.5890



80.5330, 80.0470, 30.5990



85.2080, -41.4480, 2.2640



61.7940, 3.5760, 1.2720



39.4400, 75.8750, 29.1150



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 73.6540, 51.4850, 19.5890 looks on a white background.

Color Contrast Check

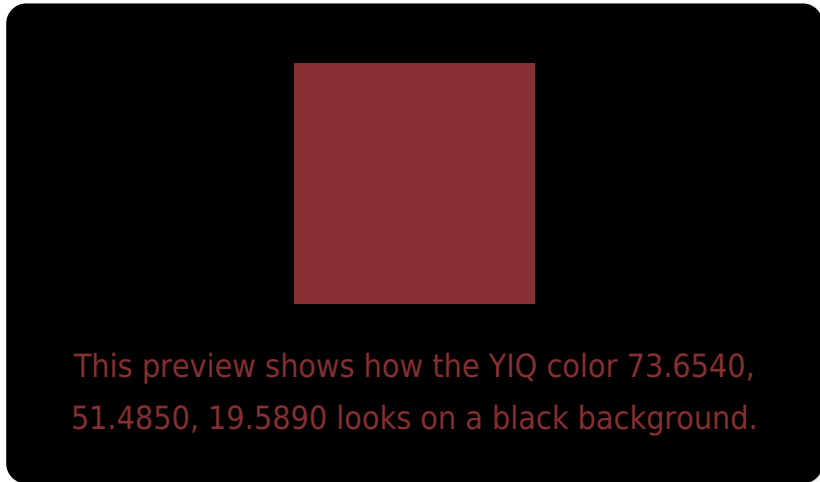
Large Text (above 18pt) WCAG AA ✓ Pass

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

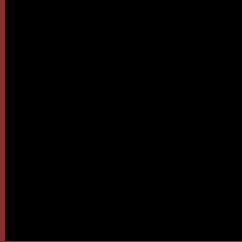
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.6540, 51.4850, 19.5890

Background



This preview shows how black text looks on a background with the YIQ color 73.6540, 51.4850, 19.5890.



This preview shows how white text looks on a background with the YIQ color 73.6540, 51.4850,

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

73.6540, 51.4850, 19.5890

Protanopia

77.7850, 7.7950, -3.6050

Deuteranopia

77.0870, 21.5040, -4.2560



Tritanopia

73.6540, 51.4850, 19.5890

Trichromacy



Original Color

73.6540, 51.4850, 19.5890

Protanomaly

76.4390, 23.7490, 4.6210

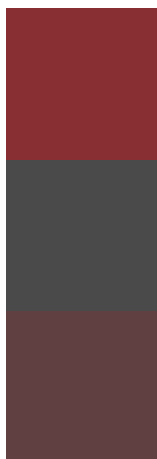
Deuteranomaly

75.8160, 32.8730, 4.4650

Tritanomaly

73.6540, 51.4850, 19.5890

Monochromacy



Original Color

73.6540, 51.4850, 19.5890

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.6820, 18.7510, 7.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6540, 51.4850, 19.5890 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(135, 47, 50)` looks like.

```
.text, #text, p{  
    color:rgb(135, 47, 50)  
}
```

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(135, 47, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 47, 50) }
```

Border

The CSS property to change the border of an element to YIQ 73.6540, 51.4850, 19.5890 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(135, 47, 50) }
```


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

```
.border{ border-color:rgb(135, 47, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 47, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 47, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 47, 50);  
box-shadow:4px 4px 4px 4px rgb(135, 47,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 73.6540, 51.4850, 19.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 47, 50) }
```

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

```
.background{ background-color: rgb(135, 47,  
50) }
```

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