

Converting Colors

YIQ(73.8590, 14.1190, 13.9510)

Have a look what the booklet for
YIQ(73.8590, 14.1190, 13.9510)
contains.

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Color

**YIQ(73.8590, 14.1190,
13.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	603D52
RGB	96, 61, 82
RGB Percent	38%, 24%, 32%
CMY	0.6234, 0.7608, 0.6784
CMYK	0.00, 0.36, 0.15, 0.62
HSL	324°, 22%, 31%
HSV	324°, 36%, 38%
XYZ	8.0178, 6.4334, 8.8039
YIQ	73.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

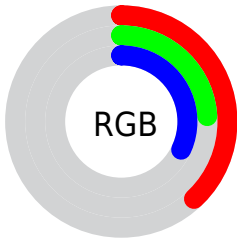
Format	Color
R_{YB}	96, 61, 82
Decimal	6307154
CIE _{Lab}	30.48, 18.94, -6.34
CIE _{LCh}	30, 19.972, 341.477
Yxy	6.4334, 0.3448, 0.2766
Android (android.graphics.Color)	4284497234 (0xFF603D52)
YUV	73.8590, 4.0135, 19.4177
Hunter-Lab	25.3642, 12.0379, -2.8245

Details

The YIQ color **73.8590, 14.1190, 13.9510** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.1410, -14.1190, -13.9510**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8700, 15.5860, 14.8980**, and **28.8480, 12.6520, 13.0040** is the 20% darker color. If you saturate the color by 10%, you get **67.5330, 18.1530, 17.9370**, and if you desaturate by 10%, it is **80.1850, 10.0850, 9.9650**.

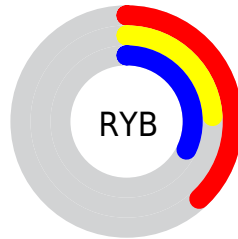
Distribution



Red (38%)

Green (24%)

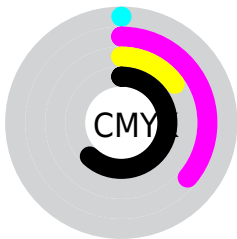
Blue (32%)



Red (38%)

Yellow (24%)

Blue (32%)

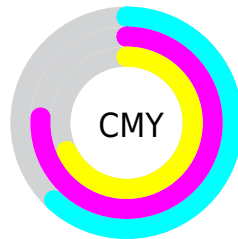


Cyan (0%)

Magenta (36%)

Yellow (15%)

Black (62%)



Cyan (62%)

Magenta (76%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8590, 14.1190, 13.9510 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 73.8590, 14.1190, 13.9510 by changing the saturation by 10% instead.

73.8590, 14.1190,
13.9510

73.8590, 14.1190,
13.9510

255.0000, -0.0000,
-0.0000

51.1470, 13.2480,
13.2160

122.8700, 15.5860,
14.8980

28.8480, 12.6520,
13.0040

149.1690, 16.1820,
15.1100

10.9080, 12.4230,
11.6470

175.8810, 17.0530,
15.8450

0.0000, 0.0000,
0.0000

203.2940, 17.3280,
16.3680

230.3970, 15.5400,
15.7320

248.5430, 3.0250,

5.7530

■ 73.8590, 14.1190,
13.9510

■ 73.8590, 14.1190,
13.9510

■ 67.5330, 18.1530,
17.9370

■ 80.1850, 10.0850,
9.9650

■ 61.7940, 21.9120,
21.4000

■ 85.9240, 6.3260,
6.5020

■ 55.4680, 25.9460,
25.3860

■ 92.2500, 2.2920,
2.5160

■ 49.8430, 29.3840,
29.1600

■ 97.8750, -1.1460,
-1.2580

■ 43.5170, 33.4180,
33.1460

■ 104.2010, -5.1800,
-5.2440

■ 37.1910, 37.4520,
37.1320

■ 110.5270, -9.2140,
-9.2300

■ 35.3160, 38.5980,
38.3900

■ 116.2660,
-12.9730, -12.6930

■ 122.5920,
-17.0070, -16.6790

■ 128.3310,
-20.7660, -20.1420

Harmonies

Analogous

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



73.7910, -0.3690, 12.1990



73.8590, 14.1190, 13.9510



73.2420, 23.1060, 10.7700

Triad

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



73.8590, 14.1190, 13.9510



70.2490, 12.0600, -9.3160



59.5520, -45.8930, -10.7970

Complementary

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



73.8590, 14.1190, 13.9510



83.1410, -14.1190, -13.9510

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.



61.4190, -35.3930, -13.8650



73.8590, 14.1190, 13.9510



68.3120, -1.4190, -12.8350

Square

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



73.8590, 14.1190, 13.9510



71.0270, 21.7330, -2.8990



65.2870, -17.4660, -13.8660



65.9930, -33.6530, -1.3410

Rectangle

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



73.8590, 14.1190, 13.9510



72.3900, 25.4450, 6.9250



65.2870, -17.4660, -13.8660



59.2700, -45.1590, -13.0870

Sweetspot

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



73.8590, 14.1190, 13.9510



116.0980, 5.7760, 5.4560



68.8770, -3.4870, 13.6410



58.2610, 3.7590, 3.4630



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.



73.8590, 14.1190, 13.9510



90.2070, 22.1870, 21.9230



71.9210, 19.5760, 8.6640



45.5380, 1.4210, 1.7810



41.1260, 45.2450, 44.5810



88.1760, 96.8160, 95.6640

Inverse Universe

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



73.8590, 14.1190, 13.9510



90.2070, 22.1870, 21.9230



85.0790, -19.5760, -8.6640



45.5380, 1.4210, 1.7810



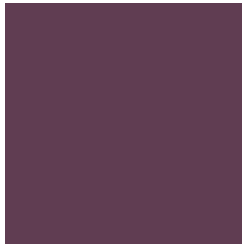
41.1260, 45.2450, 44.5810



88.1760, 96.8160, 95.6640

Previews

White Background



This preview shows how the YIQ color 73.8590, 14.1190, 13.9510 looks on a white background.

Color Contrast Check

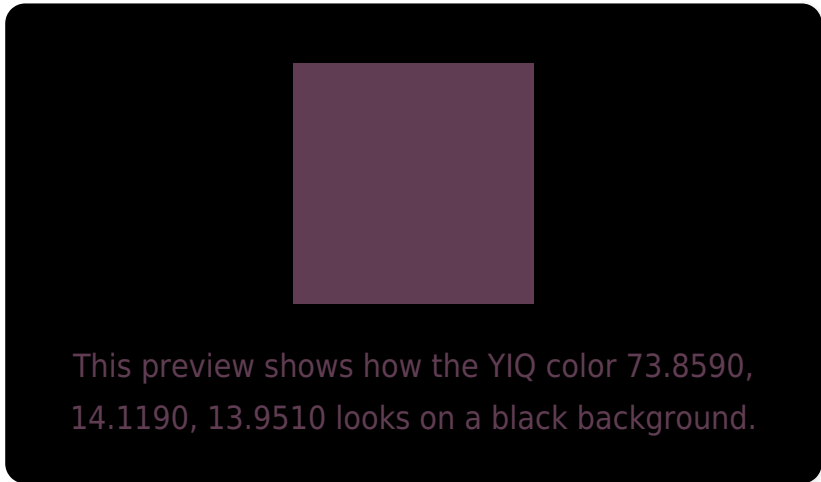
Large Text (above 18pt) WCAG AA ✓ Pass

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

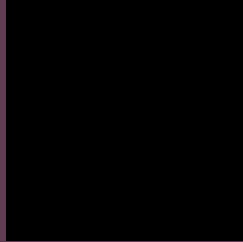
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.8590, 14.1190, 13.9510

Background



This preview shows how black text looks on a background with the YIQ color 73.8590, 14.1190, 13.9510.



This preview shows how white text looks on a background with the YIQ color 73.8590, 14.1190,

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

73.8590, 14.1190, 13.9510

Protanopia

72.1550, -7.5660, 4.9620

Deuteranopia

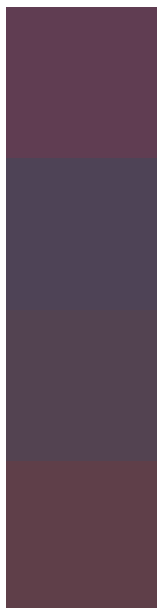
72.6350, -0.2300, 4.1700



Tritanopia

73.4260, 16.5960, 7.6040

Trichromacy



Original Color

73.8590, 14.1190, 13.9510

Protanomaly

72.4550, 0.4570, 8.2410

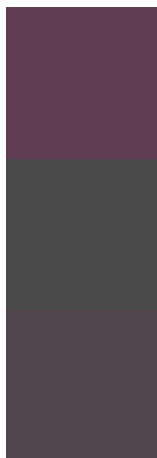
Deuteranomaly

73.3800, 5.0420, 7.7460

Tritanomaly

73.7080, 15.8620, 9.8940

Monochromacy



Original Color

73.8590, 14.1190, 13.9510

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7990, 5.1800, 5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8590, 14.1190, 13.9510 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(96, 61, 82)` looks like.

```
.text, #text, p{  
    color:rgb(96, 61, 82)  
}
```

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(96, 61, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 61, 82) }
```

Border

The CSS property to change the border of an element to YIQ 73.8590, 14.1190, 13.9510 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(96, 61, 82) }
```


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

```
.border{ border-color:rgb(96, 61, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 61, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 61, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 61, 82);  
box-shadow:4px 4px 4px 4px rgb(96, 61, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.8590, 14.1190, 13.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 61, 82) }
```

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

```
.background{ background-color: rgb(96, 61,  
82) }
```

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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