

Converting Colors

YIQ(44.9730, 40.1610, 15.5610)

Have a look what the booklet for
YIQ(44.9730, 40.1610, 15.5610)
contains.

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Color

**YIQ(44.9730, 40.1610,
15.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	5D181B
RGB	93, 24, 27
RGB Percent	36%, 9%, 11%
CMY	0.6351, 0.9060, 0.8940
CMYK	0.00, 0.74, 0.71, 0.64
HSL	357°, 59%, 23%
HSV	357°, 74%, 36%
XYZ	5.0428, 3.0608, 1.3643
YIQ	44.9730, 40.1610, 15.5610

Conversions

Conversions Part 2

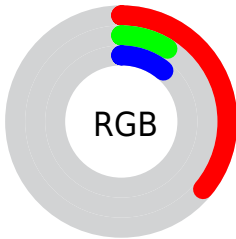
Format	Color
RYB	93, 24, 27
Decimal	6101019
CIELab	20.29, 31.48, 16.11
CIElCh	20, 35.359, 27.101
Yxy	3.0608, 0.5326, 0.3233
Android (android.graphics.Color)	4284291099 (0xFF5D181B)
YUV	44.9730, -8.8607, 42.1197
Hunter-Lab	17.4950, 20.8351, 7.6228

Details

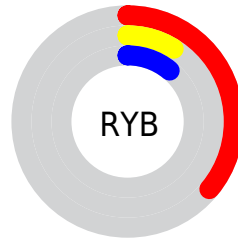
The YIQ color **44.9730, 40.1610, 15.5610** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.0270, -40.1610, -15.5610**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.4960, 45.9380, 15.4900**, and **13.2700, 25.9030, 9.6390** is the 20% darker color. If you saturate the color by 10%, you get **38.6640, 45.5250, 17.4690**, and if you desaturate by 10%, it is **51.2820, 34.7970, 13.6530**.

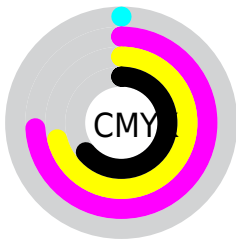
Distribution



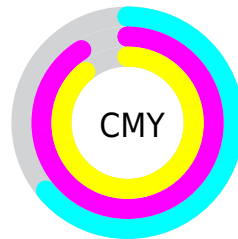
- Red (36%)
- Green (9%)
- Blue (11%)



- Red (36%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (74%)
- Yellow (71%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.9730, 40.1610, 15.5610 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 44.9730, 40.1610, 15.5610 by changing the saturation by 10% instead.

■ 44.9730, 40.1610,
15.5610

■ 44.9730, 40.1610,
15.5610

255.0000, -0.0000,
-0.0000

■ 20.0330, 39.9320,
14.2040

■ 94.4960, 45.9380,
15.4900

■ 13.2700, 25.9030,
9.6390

■ 120.2790, 48.0470,
15.8150

■ 0.0000, 0.0000,
0.0000


■ 147.0620, 50.1560,
16.1400


■ 173.8450, 52.2650,
16.4650


■ 199.0510, 48.6890,
15.1930


■ 218.5650, 32.3220,


8.9460


 238.7800, 15.3590,
2.4870


 44.9730, 40.1610,
15.5610


 44.9730, 40.1610,
15.5610


 38.6640, 45.5250,
17.4690


 51.2820, 34.7970,
13.6530


 31.7680, 51.1640,
19.9000

 58.1780, 29.1580,
11.2220

 28.2630, 54.1440,
20.9600

 64.4870, 23.7940,
9.3140

 70.7960, 18.4300,
7.4060

 76.9910, 13.3870,
5.1870

■ 83.8870, 7.7480,
2.7560

■ 90.1960, 2.3840,
0.8480

■ 96.5050, -2.9800,
-1.0600

■ 103.4010, -8.6190,
-3.4910

Harmonies

Analogous

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



45.5890, 32.9150, 25.7390



44.9730, 40.1610, 15.5610



45.6500, 38.9720, -1.4440

Triad

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



44.9730, 40.1610, 15.5610



36.2120, -22.0490, -24.4250



42.6250, -46.9960, 3.6920

Complementary

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



44.9730, 40.1610, 15.5610



72.0270, -40.1610, -15.5610

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.



44.5340, -45.4820, -1.7220



44.9730, 40.1610, 15.5610



40.4640, -31.2660, -17.0740

Square

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



44.9730, 40.1610, 15.5610



43.0600, 7.7980, -20.1860



43.4280, -39.6120, -8.9880



48.6290, -17.2880, 15.9600

Rectangle

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



44.9730, 40.1610, 15.5610



46.7580, 29.6200, -8.1720



43.4280, -39.6120, -8.9880



43.6850, -47.2250, 2.3350

Sweetspot

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



44.9730, 40.1610, 15.5610



101.3010, 15.4500, 6.3460



51.6000, 17.1870, 35.4510



49.8980, 9.2150, 3.7030



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



44.9730, 40.1610, 15.5610



45.5630, 62.1670, 24.2390



62.8280, 32.5990, -1.5850



42.6090, 2.6590, 1.3710



33.4600, 63.9550, 24.8750



72.1170, 137.7210, 53.6650

Inverse Universe

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



44.9730, 40.1610, 15.5610



45.5630, 62.1670, 24.2390



54.1720, -32.5990, 1.5850



42.6090, 2.6590, 1.3710



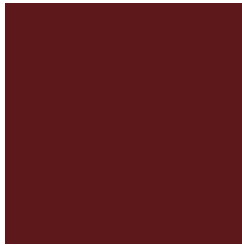
33.4600, 63.9550, 24.8750



72.1170, 137.7210, 53.6650

Previews

White Background



This preview shows how the YIQ color 44.9730, 40.1610, 15.5610 looks on a white background.

Color Contrast Check

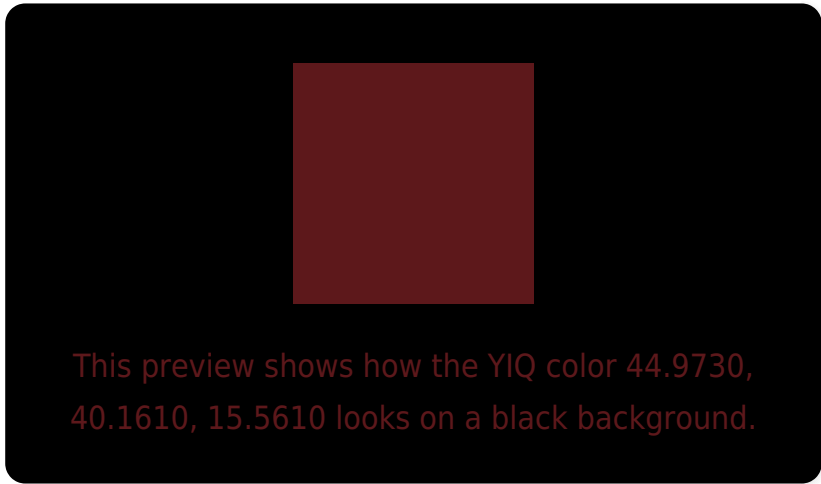
Large Text (above 18pt) WCAG AA ✓ Pass

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

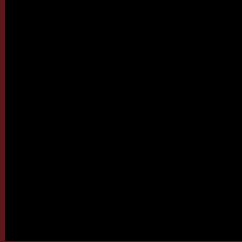
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.9730, 40.1610, 15.5610

Background



This preview shows how black text looks on a background with the YIQ color 44.9730, 40.1610, 15.5610.

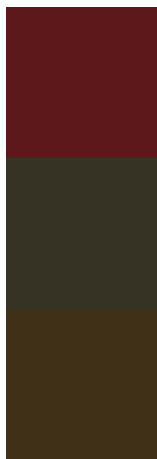


This preview shows how white text looks on a background with the YIQ color 44.9730, 40.1610, 15.5610.

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

44.9730, 40.1610, 15.5610

Protanopia

50.1870, 6.6030, -4.0290

Deuteranopia

49.6350, 16.9650, -4.5950



Tritanopia

44.7450, 40.8030, 14.9390

Trichromacy



Original Color

44.9730, 40.1610, 15.5610

Protanomaly

48.1610, 18.6600, 3.2360

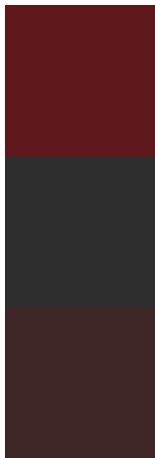
Deuteranomaly

47.7550, 25.6750, 2.7550

Tritanomaly

44.8590, 40.4820, 15.2500

Monochromacy



Original Color

44.9730, 40.1610, 15.5610

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.5890, 14.5790, 5.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.9730, 40.1610, 15.5610 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(93, 24, 27)` looks like.

```
.text, #text, p{  
    color:rgb(93, 24, 27)  
}
```

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(93, 24, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 24, 27) }
```

Border

The CSS property to change the border of an element to YIQ 44.9730, 40.1610, 15.5610 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(93, 24, 27) }
```


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

```
.border{ border-color:rgb(93, 24, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 24, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 24, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 24, 27);  
box-shadow:4px 4px 4px 4px rgb(93, 24, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.9730, 40.1610, 15.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 24, 27) }
```

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

```
.background{ background-color: rgb(93, 24,  
27) }
```

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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