

Converting Colors

YIQ(77.8150, 52.9500, 31.5900)

Have a look what the booklet for
YIQ(77.8150, 52.9500, 31.5900)
contains.

YIQ(77.8150, 52.9500, 31.5900)	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(77.8150, 52.9500,
31.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	942B49
RGB	148, 43, 73
RGB Percent	58%, 17%, 29%
CMY	0.4193, 0.8315, 0.7135
CMYK	0.00, 0.71, 0.51, 0.42
HSL	343°, 55%, 37%
HSV	343°, 71%, 58%
XYZ	14.2916, 8.5085, 7.2007
YIQ	77.8150, 52.9500, 31.5900

Conversions

Conversions Part 2

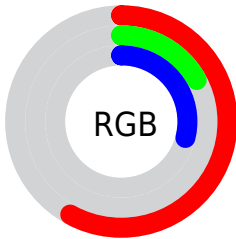
Format	Color
R_{YB}	148, 43, 73
Decimal	9710409
CIE _{Lab}	35.02, 45.96, 7.09
CIE _{LCh}	35, 46.507, 8.765
Yxy	8.5085, 0.4764, 0.2836
Android (android.graphics.Color)	4287900489 (0xFF942B49)
YUV	77.8150, -2.3738, 61.5522
Hunter-Lab	29.1694, 36.4101, 5.7824

Details

The YIQ color **77.8150, 52.9500, 31.5900** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **113.1850, -52.9500, -31.5900**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.7400, 57.5350, 31.0950**, and **30.9280, 45.2020, 28.8340** is the 20% darker color. If you saturate the color by 10%, you get **67.7560, 60.6060, 36.0140**, and if you desaturate by 10%, it is **87.8740, 45.2940, 27.1660**.

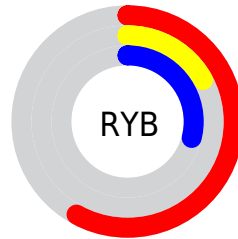
Distribution



Red (58%)

Green (17%)

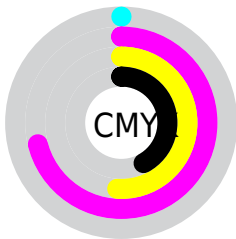
Blue (29%)



Red (58%)

Yellow (17%)

Blue (29%)

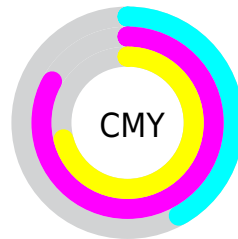


Cyan (0%)

Magenta (71%)

Yellow (51%)

Black (42%)



Cyan (42%)


Magenta (83%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.8150, 52.9500, 31.5900 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 77.8150, 52.9500, 31.5900 by changing the saturation by 10% instead.


 77.8150, 52.9500,
31.5900


 77.8150, 52.9500,
31.5900


255.0000, -0.0000,
-0.0000


 47.5640, 52.3990,
36.0710


 131.7400, 57.5350,
31.0950


 30.9280, 45.2020,
28.8340

 159.5230, 59.6440,
31.4200


 20.1900, 38.0520,
15.2360

 184.1310, 54.8760,
29.7240

 11.4760, 22.3270,
8.3670

 203.6450, 38.5090,
23.4770

 0.0000, 0.0000,
0.0000

 223.2730, 21.8210,
17.5410

 243.2600, 5.5000,

10.4600

■ 77.8150, 52.9500,
31.5900

■ 77.8150, 52.9500,
31.5900

■ 67.7560, 60.6060,
36.0140

■ 87.8740, 45.2940,
27.1660

■ 57.8110, 67.9410,
40.7490

■ 97.8190, 37.9590,
22.4310

■ 49.0400, 74.7260,
44.4380

■ 107.2910, 30.5780,
18.5300

■ 117.2360, 23.2430,
13.7950

■ 127.2950, 15.5870,
9.3710

■ 137.2400, 8.2520,
4.6360

■ 147.2990, 0.5960,
0.2120

■ 156.7710, -6.7850,
-3.6890

■ 166.7160,
-14.1200, -8.4240

Harmonies

Analogous

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



82.2550, 31.4000, 36.6800



77.8150, 52.9500, 31.5900



78.4880, 57.5840, 13.6800

Triad

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



77.8150, 52.9500, 31.5900



71.1800, -1.8280, -32.9640



72.5060, -74.6420, -1.8900

Complementary

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



77.8150, 52.9500, 31.5900



113.1850, -52.9500, -31.5900

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.



72.1180, -68.0380, -11.4460



77.8150, 52.9500, 31.5900



63.6820, -44.2840, -34.4600

Square

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



77.8150, 52.9500, 31.5900



76.2180, 30.5400, -24.8520



68.7150, -57.0780, -22.8540



66.5050, -72.9010, 5.1070

Rectangle

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



77.8150, 52.9500, 31.5900



78.4360, 54.1940, -1.9820



68.7150, -57.0780, -22.8540



72.9960, -73.2660, -4.8020

Sweetspot

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



77.8150, 52.9500, 31.5900



164.3280, 19.9880, 12.2120



77.0960, 10.3990, 48.3430



80.9740, 12.0570, 7.2650



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



77.8150, 52.9500, 31.5900



82.6820, 81.7860, 48.6500



86.7220, 56.8050, 11.2770



69.3210, 3.5300, 2.1060



45.7080, 69.7290, 41.3850



3.3320, 4.9970, 3.0530

Inverse Universe

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



77.8150, 52.9500, 31.5900



82.6820, 81.7860, 48.6500



104.2780, -56.8050, -11.2770



69.3210, 3.5300, 2.1060



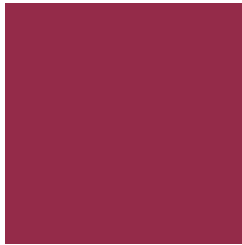
45.7080, 69.7290, 41.3850



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 77.8150, 52.9500, 31.5900 looks on a white background.

Color Contrast Check

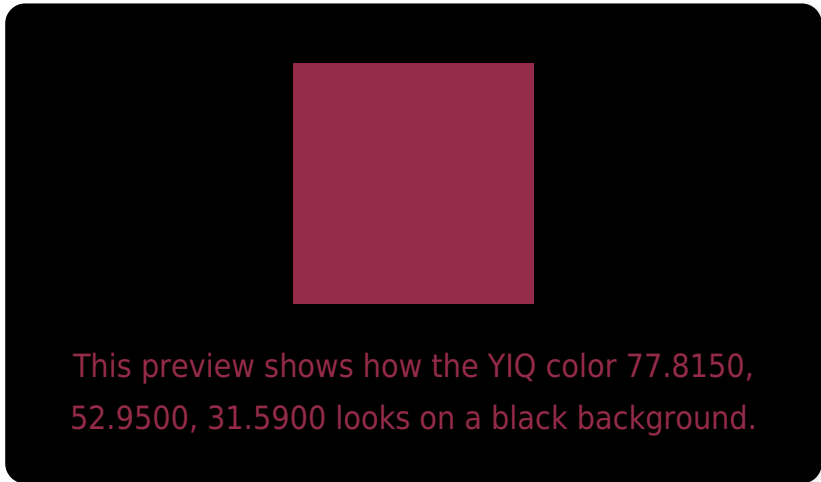
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.8150, 52.9500, 31.5900

Background



This preview shows how black text looks on a background with the YIQ color 77.8150, 52.9500, 31.5900.



This preview shows how white text looks on a background with the YIQ color 77.8150, 52.9500,

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

77.8150, 52.9500, 31.5900

Protanopia

83.9550, -4.1270, 3.2090

Deuteranopia

83.7150, 13.9840, -0.1280



Tritanopia

77.8290, 58.3620, 21.6100

Trichromacy



Original Color

77.8150, 52.9500, 31.5900

Protanomaly

81.4140, 16.8700, 13.6540

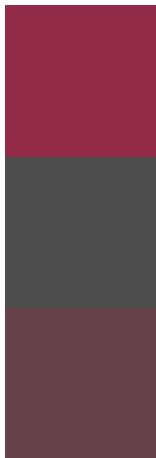
Deuteranomaly

81.9930, 28.2410, 11.3210

Tritanomaly

77.5670, 56.3440, 25.1440

Monochromacy



Original Color

77.8150, 52.9500, 31.5900

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.6160, 19.1170, 11.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.8150, 52.9500, 31.5900 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(148, 43, 73)` looks like.

```
.text, #text, p{  
    color:rgb(148, 43, 73)  
}
```

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(148, 43, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 43, 73) }
```

Border

The CSS property to change the border of an element to YIQ 77.8150, 52.9500, 31.5900 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(148, 43, 73) }
```


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

```
.border{ border-color:rgb(148, 43, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 43, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 43, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 43, 73);  
box-shadow:4px 4px 4px 4px rgb(148, 43,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 77.8150, 52.9500, 31.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 43, 73) }
```

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

```
.background{ background-color: rgb(148, 43,  
73) }
```

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