

Converting Colors

YIQ(74.7910, 53.4980, 43.6900)

Have a look what the booklet for
YIQ(74.7910, 53.4980, 43.6900)
contains.

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Color

**YIQ(74.7910, 53.4980,
43.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	99205A
RGB	153, 32, 90
RGB Percent	60%, 13%, 35%
CMY	0.3997, 0.8747, 0.6469
CMYK	0.00, 0.79, 0.41, 0.40
HSL	331°, 65%, 36%
HSV	331°, 79%, 60%
XYZ	15.5149, 8.5496, 10.5149
YIQ	74.7910, 53.4980, 43.6900

Conversions

Conversions Part 2

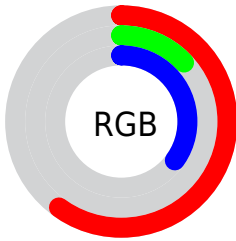
Format	Color
R_{YB}	153, 32, 90
Decimal	10035290
CIE Lab	35.10, 52.99, -3.65
CIE LCh	35, 53.116, 356.059
Yxy	8.5496, 0.4487, 0.2472
Android (android.graphics.Color)	4288225370 (0xFF99205A)
YUV	74.7910, 7.4980, 68.5893
Hunter-Lab	29.2396, 43.5449, -0.8536

Details

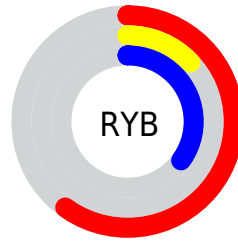
The YIQ color **74.7910, 53.4980, 43.6900** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.2090, -53.4980, -43.6900**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.8790, 56.0660, 41.2020**, and **34.1330, 43.3670, 34.5590** is the 20% darker color. If you saturate the color by 10%, you get **65.0740, 60.1910, 49.0470**, and if you desaturate by 10%, it is **84.5080, 46.8050, 38.3330**.

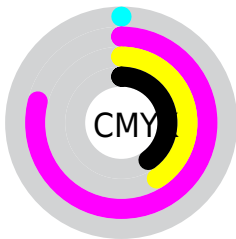
Distribution



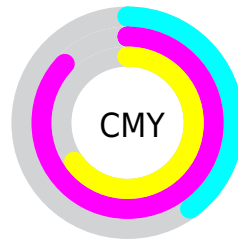
- Red (60%)
- Green (13%)
- Blue (35%)



- Red (60%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (79%)
- Yellow (41%)
- Black (40%)





- Cyan (40%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.7910, 53.4980, 43.6900 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 74.7910, 53.4980, 43.6900 by changing the saturation by 10% instead.


 74.7910, 53.4980,
43.6900


 74.7910, 53.4980,
43.6900


255.0000, -0.0000,
-0.0000

 45.0130, 52.9930,
47.3370


 131.8790, 56.0660,
41.2020


 34.1330, 43.3670,
34.5590

 159.6620, 58.1750,
41.5270


 23.6660, 34.0160,
22.3040

 182.7750, 50.4270,
38.7710

 13.2700, 25.9030,
9.6390

 202.4030, 33.7390,
32.8350

 0.0000, 0.0000,
0.0000

 222.7320, 16.4550,
26.6870

 240.3250, 6.8750,

13.0750

■ 74.7910, 53.4980,
43.6900

■ 74.7910, 53.4980,
43.6900

■ 65.0740, 60.1910,
49.0470

■ 84.5080, 46.8050,
38.3330

■ 54.7700, 67.1590,
54.9270

■ 94.8120, 39.8370,
32.4530

■ 54.0690, 67.7550,
55.1390

■ 104.5290, 33.1440,
27.0960

■ 114.2460, 26.4510,
21.7390

■ 123.9630, 19.7580,
16.3820

■ 134.2670, 12.7900,
10.5020

■ 143.9840, 6.0970,
5.1450

■ 153.7010, -0.5960,
-0.2120

■ 164.0050, -7.5640,
-6.0920

Harmonies

Analogous

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



82.8440, 19.6160, 40.9920



74.7910, 53.4980, 43.6900



74.4110, 65.6510, 27.1790

Triad

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



74.7910, 53.4980, 43.6900



72.8520, 13.7150, -33.8130



74.9680, -76.0630, -3.6710

Complementary

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



74.7910, 53.4980, 43.6900



110.2090, -53.4980, -43.6900

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.



72.8530, -65.9740, -15.8140



74.7910, 53.4980, 43.6900



61.0600, -36.9010, -41.6130

Square

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



74.7910, 53.4980, 43.6900



77.7680, 40.8550, -19.0570



67.8370, -51.8500, -29.4980



71.9820, -78.6780, 5.1780

Rectangle

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



74.7910, 53.4980, 43.6900



76.5610, 64.5080, 9.3400



67.8370, -51.8500, -29.4980



75.0020, -73.4030, -7.8270

Sweetspot

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



74.7910, 53.4980, 43.6900



167.9740, 21.2250, 17.3290



64.6310, -1.2930, 50.9870



80.8540, 12.5150, 9.9790



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



74.7910, 53.4980, 43.6900



76.8850, 83.4330, 68.3690



69.3530, 71.5660, 24.6060



71.8480, 3.4840, 2.9400



49.4980, 61.9330, 50.5170



4.5710, 5.8220, 4.6220

Inverse Universe

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



74.7910, 53.4980, 43.6900



76.8850, 83.4330, 68.3690



115.6470, -71.5660, -24.6060



71.8480, 3.4840, 2.9400



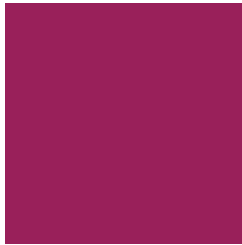
49.4980, 61.9330, 50.5170



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 74.7910, 53.4980, 43.6900 looks on a white background.

Color Contrast Check

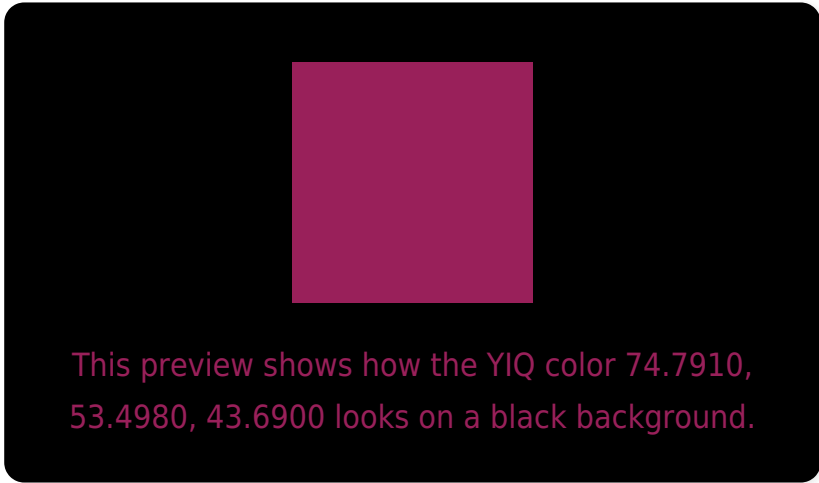
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.7910, 53.4980, 43.6900

Background



This preview shows how black text looks on a background with the YIQ color 74.7910, 53.4980, 43.6900.



This preview shows how white text looks on a background with the YIQ color 74.7910, 53.4980,

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

74.7910, 53.4980, 43.6900

Protanopia

83.8580, -19.6710, 9.5850

Deuteranopia

84.6310, 5.5930, 3.2650



Tritanopia

76.6230, 61.9380, 22.8820

Trichromacy



Original Color

74.7910, 53.4980, 43.6900

Protanomaly

80.3070, 7.2860, 22.1500

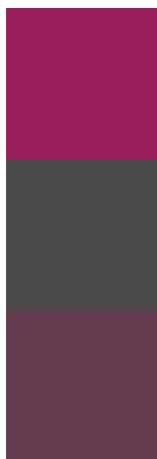
Deuteranomaly

80.8710, 23.0130, 17.9650

Tritanomaly

75.8110, 58.7730, 30.6850

Monochromacy



Original Color

74.7910, 53.4980, 43.6900

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.5500, 19.4830, 15.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7910, 53.4980, 43.6900 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(153, 32, 90)` looks like.

```
.text, #text, p{  
    color:rgb(153, 32, 90)  
}
```

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(153, 32, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 32, 90) }
```

Border

The CSS property to change the border of an element to YIQ 74.7910, 53.4980, 43.6900 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(153, 32, 90) }
```


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

```
.border{ border-color:rgb(153, 32, 90) }
```

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

Here you see how a box with a 4 pixel rgb(153, 32, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 32, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 32, 90);  
box-shadow:4px 4px 4px 4px rgb(153, 32,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7910, 53.4980, 43.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 32, 90) }
```

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

```
.background{ background-color: rgb(153, 32,  
90) }
```

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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