

Converting Colors

YIQ(72.9160, 54.6440, 44.9480)

Have a look what the booklet for
YIQ(72.9160, 54.6440, 44.9480)
contains.

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Color

**YIQ(72.9160, 54.6440,
44.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	991D59
RGB	153, 29, 89
RGB Percent	60%, 11%, 35%
CMY	0.3997, 0.8864, 0.6508
CMYK	0.00, 0.81, 0.42, 0.40
HSL	331°, 68%, 36%
HSV	331°, 81%, 60%
XYZ	15.3960, 8.3787, 10.2666
YIQ	72.9160, 54.6440, 44.9480

Conversions

Conversions Part 2

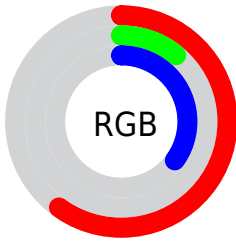
Format	Color
R _{YB}	153, 29, 89
Decimal	10034521
CIE Lab	34.76, 53.77, -3.51
CIE LCh	35, 53.882, 356.261
Yxy	8.3787, 0.4523, 0.2461
Android (android.graphics.Color)	4288224601 (0xFF991D59)
YUV	72.9160, 7.9294, 70.2337
Hunter-Lab	28.9461, 44.2858, -0.7667

Details

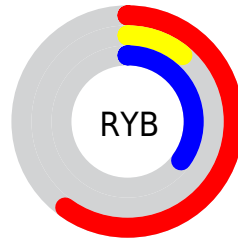
The YIQ color **72.9160, 54.6440, 44.9480** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **109.0840, -54.6440, -44.9480**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.5910, 56.9370, 41.9370**, and **34.0190, 43.6880, 34.2480** is the 20% darker color. If you saturate the color by 10%, you get **63.1990, 61.3370, 50.3050**, and if you desaturate by 10%, it is **82.6330, 47.9510, 39.5910**.

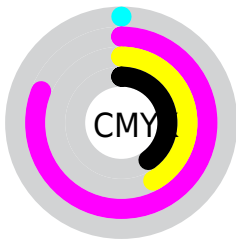
Distribution



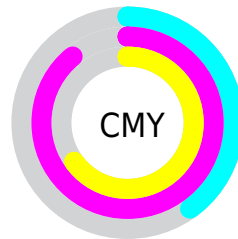
- Red (60%)
- Green (11%)
- Blue (35%)



- Red (60%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (42%)
- Black (40%)





- Cyan (40%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.9160, 54.6440, 44.9480 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 72.9160, 54.6440, 44.9480 by changing the saturation by 10% instead.


 72.9160, 54.6440,
44.9480


 72.9160, 54.6440,
44.9480


255.0000, -0.0000,
-0.0000


 44.8990, 53.3140,
47.0260


 130.5910, 56.9370,
41.9370


 34.0190, 43.6880,
34.2480

 158.3740, 59.0460,
42.2620


 23.2530, 33.7410,
21.7810

 181.4870, 51.2980,
39.5060

 12.9710, 25.3070,
9.4270

 201.1150, 34.6100,
33.5700

 0.0000, 0.0000,
0.0000

 221.4440, 17.3260,
27.4220

 239.1510, 7.4250,

14.1210

■ 72.9160, 54.6440,
44.9480

■ 72.9160, 54.6440,
44.9480

■ 63.1990, 61.3370,
50.3050

■ 82.6330, 47.9510,
39.5910

■ 54.1830, 67.4340,
55.4500

■ 92.9370, 40.9830,
33.7110

■ 102.6540, 34.2900,
28.3540

■ 112.3710, 27.5970,
22.9970

■ 122.6750, 20.6290,
17.1170

■ 132.2780, 14.2570,
11.4490

■ 141.9950, 7.5640,
6.0920

■ 151.7120, 0.8710,
0.7350

■ 162.0160, -6.0970,
-5.1450

Harmonies

Analogous

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



82.1430, 20.2120, 41.2040



72.9160, 54.6440, 44.9480



73.1230, 66.5220, 27.9140

Triad

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



72.9160, 54.6440, 44.9480



71.6670, 12.7980, -33.7140



74.3810, -75.7880, -3.1480

Complementary

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



72.9160, 54.6440, 44.9480



109.0840, -54.6440, -44.9480

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.



72.2660, -65.6990, -15.2910



72.9160, 54.6440, 44.9480



60.2450, -35.9840, -41.7120

Square

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



72.9160, 54.6440, 44.9480



76.8820, 40.5340, -18.7460



67.2500, -51.5750, -28.9750



71.3950, -78.4030, 5.7010

Rectangle

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



72.9160, 54.6440, 44.9480



75.7460, 65.4250, 9.2410



67.2500, -51.5750, -28.9750



74.4150, -73.1280, -7.3040

Sweetspot

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



72.9160, 54.6440, 44.9480



167.9740, 21.2250, 17.3290



61.6740, -2.8520, 51.7080



80.9680, 12.1940, 10.2900



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.



72.9160, 54.6440, 44.9480



74.3090, 85.1750, 69.8390



66.0760, 73.9040, 26.2880



71.8480, 3.4840, 2.9400



49.6120, 61.6120, 50.8280



4.5710, 5.8220, 4.6220

Inverse Universe

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



72.9160, 54.6440, 44.9480



74.3090, 85.1750, 69.8390



115.9240, -73.9040, -26.2880



71.8480, 3.4840, 2.9400



49.6120, 61.6120, 50.8280



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 72.9160, 54.6440, 44.9480 looks on a white background.

Color Contrast Check

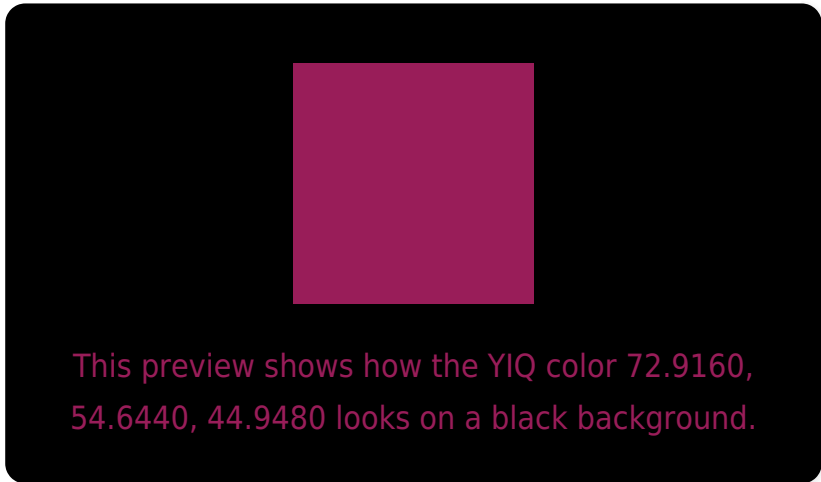
Large Text (above 18pt) WCAG AA ✓ Pass

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

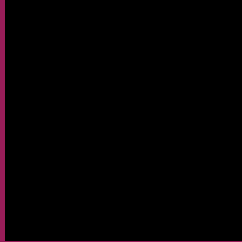
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9160, 54.6440, 44.9480

Background



This preview shows how black text looks on a background with the YIQ color 72.9160, 54.6440, 44.9480.



This preview shows how white text looks on a background with the YIQ color 72.9160, 54.6440,

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

72.9160, 54.6440, 44.9480

Protanopia

82.9720, -19.9920, 9.8960

Deuteranopia

84.2180, 5.3180, 2.7420



Tritanopia

75.2210, 63.1300, 23.3060

Trichromacy



Original Color

72.9160, 54.6440, 44.9480

Protanomaly

79.4210, 6.9650, 22.4610

Deuteranomaly

80.1700, 23.6090, 18.1770

Tritanomaly

74.4090, 59.9650, 31.1090

Monochromacy



Original Color

72.9160, 54.6440, 44.9480

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.9630, 19.7580, 16.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9160, 54.6440, 44.9480 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, 29, 89)` looks like.

```
.text, #text, p{  
    color:rgb(153, 29, 89)  
}
```

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, 29, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 29, 89) }
```

Border

The CSS property to change the border of an element to YIQ 72.9160, 54.6440, 44.9480 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, 29, 89) }
```


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

```
.border{ border-color:rgb(153, 29, 89) }
```

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

Here you see how a box with a 4 pixel rgb(153, 29, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 29, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 29, 89);  
box-shadow:4px 4px 4px 4px rgb(153, 29,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 72.9160, 54.6440, 44.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 29, 89) }
```

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

```
.background{ background-color: rgb(153, 29,  
89) }
```

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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