

Converting Colors

YIQ(71.0310, 44.5550, 57.0910)

Have a look what the booklet for
YIQ(71.0310, 44.5550, 57.0910)
contains.

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Color

**YIQ(71.0310, 44.5550,
57.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	951677
RGB	149, 22, 119
RGB Percent	58%, 9%, 47%
CMY	0.4153, 0.9139, 0.5332
CMYK	0.00, 0.85, 0.20, 0.42
HSL	314°, 74%, 34%
HSV	314°, 85%, 58%
XYZ	16.0285, 8.3026, 18.2187
YIQ	71.0310, 44.5550, 57.0910

Conversions

Conversions Part 2

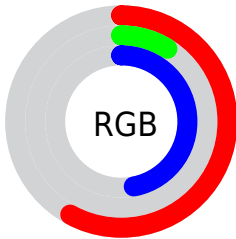
Format	Color
R_{YB}	149, 22, 119
Decimal	9770615
CIE _{Lab}	34.61, 58.12, -22.96
CIE _{LCh}	35, 62.485, 338.444
Yxy	8.3026, 0.3767, 0.1951
Android (android.graphics.Color)	4287960695 (0xFF951677)
YUV	71.0310, 23.6487, 68.3788
Hunter-Lab	28.8142, 48.8697, -17.3180

Details

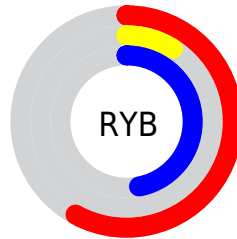
The YIQ color **71.0310, 44.5550, 57.0910** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **99.9690, -44.5550, -57.0910**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.3960, 44.7850, 52.9210**, and **36.0860, 33.5540, 41.6980** is the 20% darker color. If you saturate the color by 10%, you get **61.8840, 49.6430, 64.0030**, and if you desaturate by 10%, it is **80.2920, 39.1460, 50.4900**.

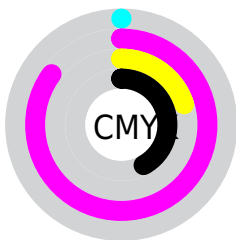
Distribution



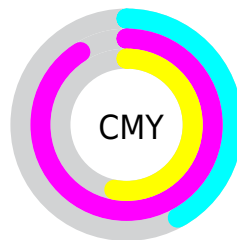
- Red (58%)
- Green (9%)
- Blue (47%)



- Red (58%)
- Yellow (9%)
- Blue (47%)



- Cyan (0%)
- Magenta (85%)
- Yellow (20%)
- Black (42%)



- Cyan (42%)
- Magenta (91%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.0310, 44.5550, 57.0910 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 71.0310, 44.5550, 57.0910 by changing the saturation by 10% instead.

71.0310, 44.5550,
57.0910

71.0310, 44.5550,
57.0910

255.0000, -0.0000,
-0.0000

46.8950, 41.9420,
54.8860

130.8090, 45.0600,
53.4440

36.0860, 33.5540,
41.6980

158.9940, 45.9770,
53.3450

25.5050, 24.5240,
29.1320

184.3030, 40.6130,
51.4370

15.5220, 16.6860,
16.9900

203.9310, 23.9250,
45.5010

0.0000, 0.0000,
0.0000

220.3670, 16.2250,
30.8570

237.3900, 8.2500,

15.6900

■ 71.0310, 44.5550,
57.0910

■ 71.0310, 44.5550,
57.0910

■ 61.8840, 49.6430,
64.0030

■ 80.2920, 39.1460,
50.4900

■ 57.5470, 52.2100,
67.0420

■ 89.4390, 34.0580,
43.5780

■ 98.7000, 28.6490,
36.9770

■ 107.8470, 23.5610,
30.0650

■ 117.1080, 18.1520,
23.4640

■ 125.6680, 13.3390,
17.0750

■ 134.9290, 7.9300,
10.4740

■ 144.0760, 2.8420,
3.5620

■ 153.3370, -2.5670,
-3.0390

Harmonies

Analogous

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



82.4630, -10.0480, 38.9440



71.0310, 44.5550, 57.0910



57.6140, 76.4660, 56.9620

Triad

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



71.0310, 44.5550, 57.0910



75.6200, 29.3480, -25.2760



75.5890, -73.6780, -8.3500

Complementary

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



71.0310, 44.5550, 57.0910



99.9690, -44.5550, -57.0910

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.



70.7040, -58.5450, -23.8010



71.0310, 44.5550, 57.0910



63.5390, -10.6290, -44.1730

Square

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



71.0310, 44.5550, 57.0910



76.4270, 58.4130, -6.8590



63.4880, -40.9820, -39.2380



76.8890, -82.8500, 3.6940

Rectangle

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



71.0310, 44.5550, 57.0910



64.5100, 78.8540, 35.7020



63.4880, -40.9820, -39.2380



74.4660, -69.1380, -13.5380

Sweetspot

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



71.0310, 44.5550, 57.0910



162.6950, 17.8770, 22.9410



45.4480, -22.8870, 45.8570



78.5920, 10.4970, 13.5130



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.



71.0310, 44.5550, 57.0910



74.8780, 68.1160, 87.1560



63.8490, 64.7780, 37.4980



69.6630, 2.5670, 3.0390



53.2320, 48.5430, 61.9110



3.9020, 3.3920, 4.6080

Inverse Universe

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



71.0310, 44.5550, 57.0910



74.8780, 68.1160, 87.1560



107.1510, -64.7780, -37.4980



69.6630, 2.5670, 3.0390



53.2320, 48.5430, 61.9110



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 71.0310, 44.5550, 57.0910 looks on a white background.

Color Contrast Check

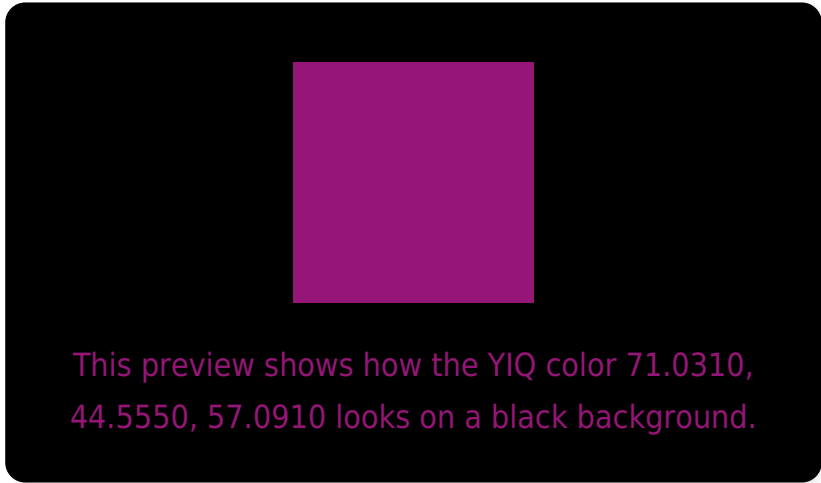
Large Text (above 18pt) WCAG AA ✓ Pass

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

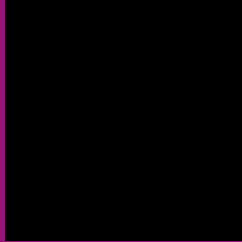
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.0310, 44.5550, 57.0910

Background



This preview shows how black text looks on a background with the YIQ color 71.0310, 44.5550, 57.0910.



This preview shows how white text looks on a background with the YIQ color 71.0310, 44.5550,

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

71.0310, 44.5550, 57.0910

Protanopia

74.6260, -56.7640, 15.5240

Deuteranopia

83.3270, -13.8020, 7.8460



Tritanopia

78.4480, 55.0610, 20.8610

Trichromacy



Original Color

71.0310, 44.5550, 57.0910

Protanomaly

73.3320, -20.2250, 30.6470

Deuteranomaly

78.8280, 7.3770, 26.0090

Tritanomaly

75.9120, 51.2990, 33.9790

Monochromacy



Original Color

71.0310, 44.5550, 57.0910

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.7440, 16.1810, 20.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.0310, 44.5550, 57.0910 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(149, 22, 119)` looks like.

```
.text, #text, p{  
    color:rgb(149, 22, 119)  
}
```

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(149, 22, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 22, 119) }
```

Border

The CSS property to change the border of an element to YIQ 71.0310, 44.5550, 57.0910 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(149, 22, 119) }
```


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

```
.border{ border-color:rgb(149, 22, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 22, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 22, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 22, 119);  
box-shadow:4px 4px 4px 4px rgb(149, 22,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 71.0310, 44.5550, 57.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 22, 119) }
```

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

```
.background{ background-color: rgb(149, 22,  
119) }
```

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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