

Converting Colors

YIQ(71.8440, 55.1470, 52.3550)

Have a look what the booklet for
YIQ(71.8440, 55.1470, 52.3550)
contains.

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Color

**YIQ(71.8440, 55.1470,
52.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	9D1764
RGB	157, 23, 100
RGB Percent	62%, 9%, 39%
CMY	0.3839, 0.9100, 0.6077
CMYK	0.00, 0.85, 0.36, 0.38
HSL	326°, 75%, 35%
HSV	326°, 85%, 62%
XYZ	16.5304, 8.7090, 12.8766
YIQ	71.8440, 55.1470, 52.3550

Conversions

Conversions Part 2

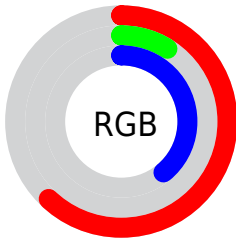
Format	Color
R _Y B	157, 23, 100
Decimal	10295140
CIE Lab	35.42, 57.47, -9.52
CIE LCh	35, 58.249, 350.595
Yxy	8.7090, 0.4337, 0.2285
Android (android.graphics.Color)	4288485220 (0xFF9D1764)
YUV	71.8440, 13.8809, 74.6818
Hunter-Lab	29.5110, 48.3415, -5.2126

Details

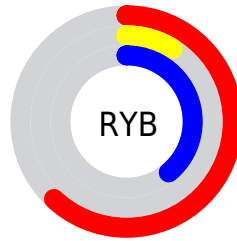
The YIQ color **71.8440, 55.1470, 52.3550** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **108.1560, -55.1470, -52.3550**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6930, 56.8900, 48.2980**, and **35.9420, 42.5870, 37.6830** is the 20% darker color. If you saturate the color by 10%, you get **61.6540, 61.7940, 58.5460**, and if you desaturate by 10%, it is **82.0340, 48.5000, 46.1640**.

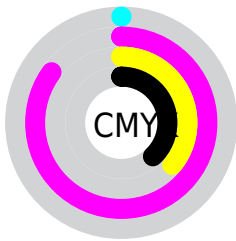
Distribution



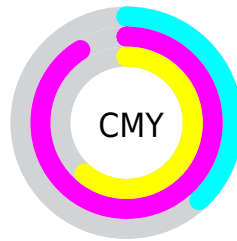
- Red (62%)
- Green (9%)
- Blue (39%)



- Red (62%)
- Yellow (9%)
- Blue (39%)



- Cyan (0%)
- Magenta (85%)
- Yellow (36%)
- Black (38%)



- Cyan (38%)
- Magenta (91%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.8440, 55.1470, 52.3550 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 71.8440, 55.1470, 52.3550 by changing the saturation by 10% instead.

71.8440, 55.1470,
52.3550

71.8440, 55.1470,
52.3550

255.0000, -0.0000,
-0.0000

47.2350, 52.4880,
50.9840

131.6930, 56.8900,
48.2980

35.9420, 42.5870,
37.6830

160.1770, 58.4030,
48.4110

25.4750, 33.2360,
25.4280

182.3820, 47.4000,
44.0720

15.0360, 26.6820,
12.0420

202.0100, 30.7120,
38.1360

0.0000, 0.0000,
0.0000

221.5410, 15.6750,
29.8110

238.5640, 7.7000,

14.6440

■ 71.8440, 55.1470,
52.3550

■ 71.8440, 55.1470,
52.3550

■ 61.6540, 61.7940,
58.5460

■ 82.0340, 48.5000,
46.1640

■ 57.2030, 64.6820,
61.2740

■ 91.5230, 42.4490,
40.1850

■ 101.7130, 35.8020,
33.9940

■ 111.9030, 29.1550,
27.8030

■ 121.9790, 22.8290,
21.3010

■ 131.5820, 16.4570,
15.6330

■ 141.7720, 9.8100,
9.4420

■ 151.8480, 3.4840,
2.9400

■ 161.4510, -2.8880,
-2.7280

Harmonies

Analogous

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



83.6030, 13.1050, 43.3530



71.8440, 55.1470, 52.3550



69.2690, 72.3430, 38.0630

Triad

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



71.8440, 55.1470, 52.3550



74.9450, 17.8870, -32.3290



76.9570, -77.5300, -4.6180

Complementary

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



71.8440, 55.1470, 52.3550



108.1560, -55.1470, -52.3550

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.



73.5710, -65.2400, -18.1040



71.8440, 55.1470, 52.3550



59.7090, -31.7190, -47.4230

Square

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



71.8440, 55.1470, 52.3550



78.6980, 47.0440, -15.5800



67.5120, -49.5570, -32.5090



74.6550, -82.0710, 6.0970

Rectangle

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



71.8440, 55.1470, 52.3550



74.3110, 71.3840, 16.8880



67.5120, -49.5570, -32.5090



76.1760, -73.9530, -8.8730

Sweetspot

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



71.8440, 55.1470, 52.3550



170.2670, 21.9580, 20.5660



55.0200, -9.6380, 53.5460



81.7340, 12.9730, 12.6930



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



71.8440, 55.1470, 52.3550



74.3340, 84.0270, 79.6350



64.3200, 76.3330, 31.8290



73.9620, 3.1630, 3.2510



52.1050, 58.9060, 55.8180



5.5110, 6.0510, 5.9790

Inverse Universe

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



71.8440, 55.1470, 52.3550



74.3340, 84.0270, 79.6350



115.6800, -76.3330, -31.8290



73.9620, 3.1630, 3.2510



52.1050, 58.9060, 55.8180



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 71.8440, 55.1470, 52.3550 looks on a white background.

Color Contrast Check

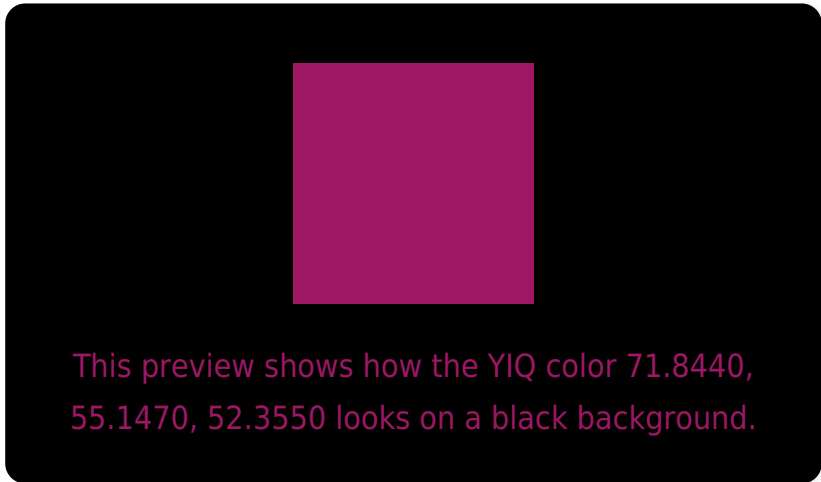
Large Text (above 18pt) WCAG AA ✓ Pass

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

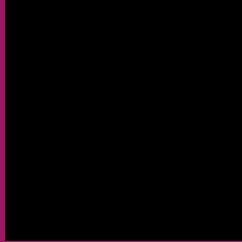
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.8440, 55.1470, 52.3550

Background



This preview shows how black text looks on a background with the YIQ color 71.8440, 55.1470, 52.3550.



This preview shows how white text looks on a background with the YIQ color 71.8440, 55.1470,

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

71.8440, 55.1470, 52.3550

Protanopia

83.4040, -29.8960, 13.1760

Deuteranopia

85.9340, 0.3660, 4.3820



Tritanopia

77.1180, 64.9180, 23.9420

Trichromacy



Original Color

71.8440, 55.1470, 52.3550

Protanomaly

79.0600, 0.9120, 27.5360

Deuteranomaly

80.8370, 20.3530, 22.1210

Tritanomaly

75.0010, 61.2940, 34.5580

Monochromacy



Original Color

71.8440, 55.1470, 52.3550

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8430, 20.2160, 19.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.8440, 55.1470, 52.3550 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(157, 23, 100)` looks like.

```
.text, #text, p{  
    color:rgb(157, 23, 100)  
}
```

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(157, 23, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 23, 100) }
```

Border

The CSS property to change the border of an element to YIQ 71.8440, 55.1470, 52.3550 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(157, 23, 100) }
```


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

```
.border{ border-color:rgb(157, 23, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 23, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 23, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 23, 100);  
box-shadow:4px 4px 4px 4px rgb(157, 23,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 71.8440, 55.1470, 52.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 23, 100) }
```

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

```
.background{ background-color: rgb(157, 23,  
100) }
```

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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