

Converting Colors

YIQ(81.9640, 45.5210, 39.5770)

Have a look what the booklet for
YIQ(81.9640, 45.5210, 39.5770)
contains.

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Color

**YIQ(81.9640, 45.5210,
39.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	962C63
RGB	150, 44, 99
RGB Percent	59%, 17%, 39%
CMY	0.4115, 0.8276, 0.6116
CMYK	0.00, 0.71, 0.34, 0.41
HSL	329°, 55%, 38%
HSV	329°, 71%, 59%
XYZ	15.7440, 9.1905, 12.7574
YIQ	81.9640, 45.5210, 39.5770

Conversions

Conversions Part 2

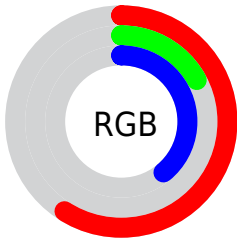
Format	Color
R_{YB}	150, 44, 99
Decimal	9841763
CIE _{Lab}	36.35, 48.96, -7.61
CIE _{LCh}	36, 49.544, 351.165
Yxy	9.1905, 0.4177, 0.2438
Android (android.graphics.Color)	4288031843 (0xFF962C63)
YUV	81.9640, 8.3987, 59.6676
Hunter-Lab	30.3159, 39.6476, -3.7289

Details

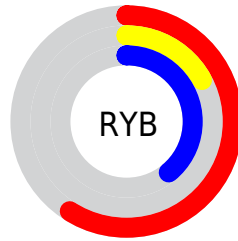
The YIQ color **81.9640, 45.5210, 39.5770** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.0360, -45.5210, -39.5770**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **136.5190, 48.2720, 39.2800**, and **34.4470, 39.6070, 36.6230** is the 20% darker color. If you saturate the color by 10%, you get **72.3610, 51.8930, 45.2450**, and if you desaturate by 10%, it is **91.5670, 39.1490, 33.9090**.

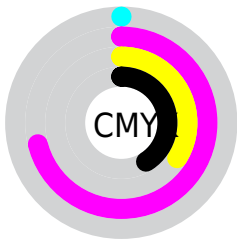
Distribution



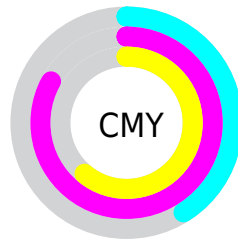
- Red (59%)
- Green (17%)
- Blue (39%)



- Red (59%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (71%)
- Yellow (34%)
- Black (41%)



- Cyan (41%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.9640, 45.5210, 39.5770 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 81.9640, 45.5210, 39.5770 by changing the saturation by 10% instead.

81.9640, 45.5210,
39.5770

81.9640, 45.5210,
39.5770

255.0000, -0.0000,
-0.0000

50.3110, 46.1620,
44.4820

136.5190, 48.2720,
39.2800

34.4470, 39.6070,
36.6230

164.3020, 50.3810,
39.6050

23.8660, 30.5770,
24.0570

188.7250, 44.6960,
38.0080

14.0250, 25.2150,
11.0950

208.3530, 28.0080,
32.0720

0.0000, 0.0000,
0.0000

227.4110, 12.9250,
24.5810

244.4340, 4.9500,

9.4140

■ 81.9640, 45.5210,
39.5770

■ 81.9640, 45.5210,
39.5770

■ 72.3610, 51.8930,
45.2450

■ 91.5670, 39.1490,
33.9090

■ 62.7580, 58.2650,
50.9130

■ 101.1700, 32.7770,
28.2410

■ 53.7420, 64.3620,
56.0580

■ 110.8870, 26.0840,
22.8840

■ 120.4900, 19.7120,
17.2160

■ 130.0930, 13.3400,
11.5480

■ 139.6960, 6.9680,
5.8800

■ 149.4130, 0.2750,
0.5230

■ 159.0160, -6.0970,
-5.1450

■ 168.6190,
-12.4690, -10.8130

Harmonies

Analogous

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



87.4900, 11.6850, 36.0450



81.9640, 45.5210, 39.5770



79.4860, 61.0660, 27.6740

Triad

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



81.9640, 45.5210, 39.5770



77.0270, 20.5920, -31.7920



76.0450, -74.9620, -7.1060

Complementary

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



81.9640, 45.5210, 39.5770



112.0360, -45.5210, -39.5770

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.



73.3430, -64.5980, -18.7260



81.9640, 45.5210, 39.5770



67.0290, -26.4480, -38.3200

Square

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



81.9640, 45.5210, 39.5770



80.7470, 45.3480, -17.8840



68.6690, -51.4370, -31.4770



73.9880, -78.8150, 2.1530

Rectangle

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



81.9640, 45.5210, 39.5770



80.8150, 60.9770, 12.7610



68.6690, -51.4370, -31.4770



75.4920, -72.0270, -10.7390

Sweetspot

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



81.9640, 45.5210, 39.5770



169.7670, 17.3740, 15.5340



70.7350, -4.8220, 43.3540



83.5440, 10.4520, 8.8200



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.



81.9640, 45.5210, 39.5770



88.8510, 71.6050, 62.4610



76.0360, 62.2130, 23.4050



69.4350, 3.2090, 2.4170



49.3560, 59.4570, 51.3370



3.5600, 4.3550, 3.6750

Inverse Universe

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



81.9640, 45.5210, 39.5770



88.8510, 71.6050, 62.4610



117.9640, -62.2130, -23.4050



69.4350, 3.2090, 2.4170



49.3560, 59.4570, 51.3370



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 81.9640, 45.5210, 39.5770 looks on a white background.

Color Contrast Check

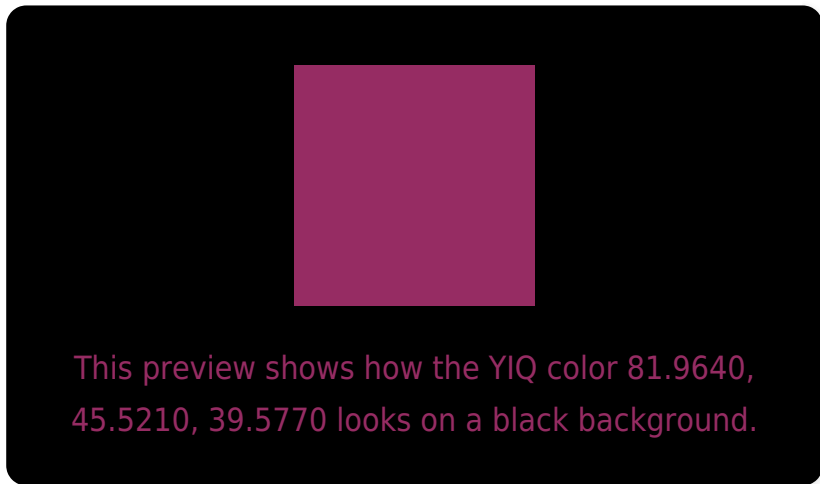
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.9640, 45.5210, 39.5770

Background



This preview shows how black text looks on a background with the YIQ color 81.9640, 45.5210, 39.5770.



This preview shows how white text looks on a background with the YIQ color 81.9640, 45.5210,

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

81.9640, 45.5210, 39.5770

Protanopia

86.2000, -20.6340, 10.5180

Deuteranopia

87.5320, 1.5580, 4.8060



Tritanopia

82.8500, 53.8690, 20.4370

Trichromacy



Original Color

81.9640, 45.5210, 39.5770

Protanomaly

84.6270, 3.3890, 21.1890

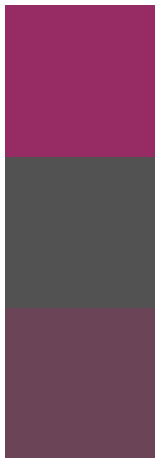
Deuteranomaly

85.2340, 17.5570, 17.7250

Tritanomaly

82.5110, 50.7500, 27.4060

Monochromacy



Original Color

81.9640, 45.5210, 39.5770

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9410, 16.8240, 14.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.9640, 45.5210, 39.5770 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(150, 44, 99)` looks like.

```
.text, #text, p{  
    color:rgb(150, 44, 99)  
}
```

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(150, 44, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 44, 99) }
```

Border

The CSS property to change the border of an element to YIQ 81.9640, 45.5210, 39.5770 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(150, 44, 99) }
```


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

```
.border{ border-color:rgb(150, 44, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 44, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 44, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 44, 99);  
box-shadow:4px 4px 4px 4px rgb(150, 44,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 81.9640, 45.5210, 39.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 44, 99) }
```

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

```
.background{ background-color: rgb(150, 44,  
99) }
```

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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