

Converting Colors

YIQ(81.9430, 32.8190, 49.5150)

Have a look what the booklet for
YIQ(81.9430, 32.8190, 49.5150)
contains.

YIQ(81.9430, 32.8190, 49.5150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(81.9430, 32.8190,
49.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	902982
RGB	144, 41, 130
RGB Percent	56%, 16%, 51%
CMY	0.4350, 0.8394, 0.4901
CMYK	0.00, 0.72, 0.10, 0.43
HSL	308°, 56%, 36%
HSV	308°, 72%, 57%
XYZ	16.3368, 9.1312, 22.0261
YIQ	81.9430, 32.8190, 49.5150

Conversions

Conversions Part 2

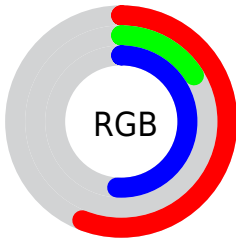
Format	Color
R_{YB}	144, 41, 130
Decimal	9447810
CIE _{Lab}	36.24, 52.85, -27.34
CIE _{LCh}	36, 59.502, 332.642
Yxy	9.1312, 0.3440, 0.1923
Android (android.graphics.Color)	4287637890 (0xFF902982)
YUV	81.9430, 23.6921, 54.4240
Hunter-Lab	30.2179, 43.6214, -22.0644

Details

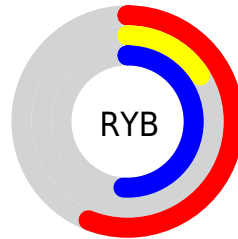
The YIQ color **81.9430, 32.8190, 49.5150** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **103.0570, -32.8190, -49.5150**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **137.3130, 34.6530, 49.3170**, and **36.0300, 27.9600, 43.9600** is the 20% darker color. If you saturate the color by 10%, you get **73.4970, 37.3110, 56.2150**, and if you desaturate by 10%, it is **90.3890, 28.3270, 42.8150**.

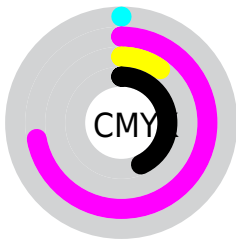
Distribution



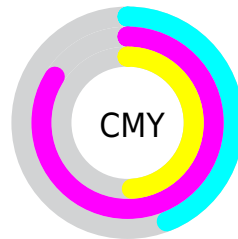
- Red (56%)
- Green (16%)
- Blue (51%)



- Red (56%)
- Yellow (16%)
- Blue (51%)



- Cyan (0%)
- Magenta (72%)
- Yellow (10%)
- Black (43%)





- Cyan (44%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.9430, 32.8190, 49.5150 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 81.9430, 32.8190, 49.5150 by changing the saturation by 10% instead.


 81.9430, 32.8190,
49.5150


 81.9430, 32.8190,
49.5150


255.0000, -0.0000,
-0.0000


 48.1270, 35.4770,
56.4130


 137.3130, 34.6530,
49.3170


 36.0300, 27.9600,
43.9600


 165.0250, 35.5240,
50.0520


 25.6340, 19.8470,
31.2950

 191.6550, 33.6900,
50.2500

 15.9500, 12.6050,
19.3650

 209.8010, 21.1750,
40.2710

 1.0260, -2.8890,
2.7990

 226.8240, 13.2000,
25.1040

 0.0000, 0.0000,
0.0000

 243.8470, 5.2250,

9.9370

■ 81.9430, 32.8190,
49.5150

■ 81.9430, 32.8190,
49.5150

■ 73.4970, 37.3110,
56.2150

■ 90.3890, 28.3270,
42.8150

■ 64.4640, 42.0780,
63.4380

■ 99.4220, 23.5600,
35.5920

■ 57.1920, 46.0200,
69.0920

■ 107.8680, 19.0680,
28.8920

■ 116.9010, 14.3010,
21.6690

■ 125.3470, 9.8090,
14.9690

■ 133.7930, 5.3170,
8.2690

■ 142.8260, 0.5500,
1.0460

■ 151.2720, -3.9420,
-5.6540

■ 160.3050, -8.7090,
-12.8770

Harmonies

Analogous

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



85.8420, -21.6010, 33.5590



81.9430, 32.8190, 49.5150



68.4880, 67.8930, 52.6370

Triad

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



81.9430, 32.8190, 49.5150



80.0940, 36.8210, -23.0430



77.1390, -72.5310, -12.6190

Complementary

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



81.9430, 32.8190, 49.5150



103.0570, -32.8190, -49.5150

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.



71.6670, -57.1230, -27.5470



81.9430, 32.8190, 49.5150



72.1880, 3.7210, -39.9190

Square

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



81.9430, 32.8190, 49.5150



79.4170, 64.3730, -4.7390



64.7930, -40.5230, -42.0510



78.6670, -82.3450, 0.0470

Rectangle

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



81.9430, 32.8190, 49.5150



71.4110, 74.8190, 37.2430



64.7930, -40.5230, -42.0510



76.0160, -67.9910, -17.8070

Sweetspot

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



81.9430, 32.8190, 49.5150



162.5370, 12.3300, 18.8420



56.9280, -24.7190, 35.0010



80.1570, 7.2880, 11.0960



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



81.9430, 32.8190, 49.5150



89.5720, 51.0620, 76.8380



76.1290, 49.1900, 33.6540



66.7770, 2.2460, 3.3500



53.7030, 42.9030, 65.0070



3.1900, 2.5210, 3.8730

Inverse Universe

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



81.9430, 32.8190, 49.5150



89.5720, 51.0620, 76.8380



108.8710, -49.1900, -33.6540



66.7770, 2.2460, 3.3500



53.7030, 42.9030, 65.0070



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 81.9430, 32.8190, 49.5150 looks on a white background.

Color Contrast Check

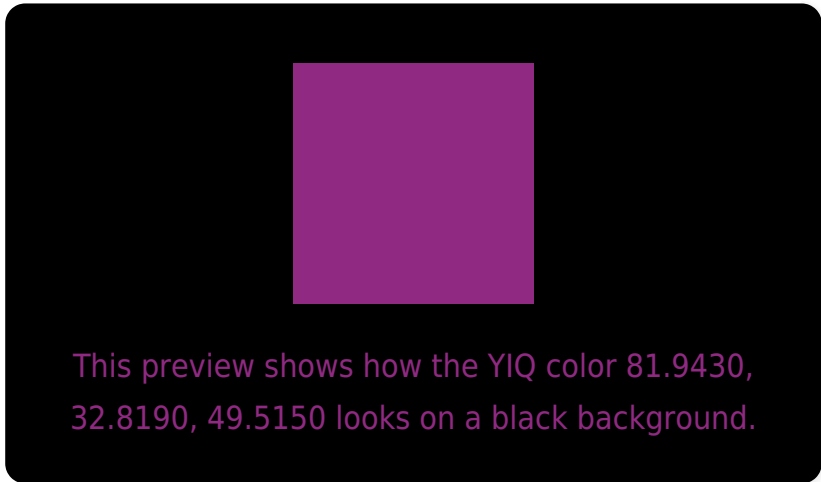
Large Text (above 18pt) WCAG AA ✓ Pass

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

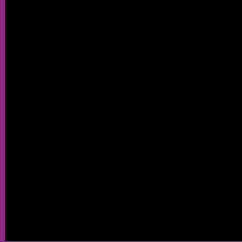
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.9430, 32.8190, 49.5150

Background



This preview shows how black text looks on a background with the YIQ color 81.9430, 32.8190, 49.5150.



This preview shows how white text looks on a background with the YIQ color 81.9430, 32.8190,

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

81.9430, 32.8190, 49.5150

Protanopia

79.4090, -54.6550, 15.8490

Deuteranopia

85.4450, -19.9460, 9.0620



Tritanopia

85.1800, 44.0120, 17.3560

Trichromacy



Original Color

81.9430, 32.8190, 49.5150

Protanomaly

80.1960, -22.8380, 28.4420

Deuteranomaly

84.1690, -1.0130, 23.8750

Tritanomaly

83.7040, 40.0210, 29.1170

Monochromacy



Original Color

81.9430, 32.8190, 49.5150

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.0100, 12.3760, 18.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.9430, 32.8190, 49.5150 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(144, 41, 130)` looks like.

```
.text, #text, p{  
    color:rgb(144, 41, 130)  
}
```

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(144, 41, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 41, 130) }
```

Border

The CSS property to change the border of an element to YIQ 81.9430, 32.8190, 49.5150 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(144, 41, 130) }
```


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

```
.border{ border-color:rgb(144, 41, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 41, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 41, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 41, 130);  
box-shadow:4px 4px 4px 4px rgb(144, 41,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 81.9430, 32.8190, 49.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 41, 130) }
```

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

```
.background{ background-color: rgb(144, 41,  
130) }
```

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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