

Converting Colors

YIQ(98.2830, -9.3610, 43.0150)

Have a look what the booklet for
YIQ(98.2830, -9.3610, 43.0150)
contains.

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Color

**YIQ(98.2830, -9.3610,
43.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	7449B6
RGB	116, 73, 182
RGB Percent	45%, 29%, 71%
CMY	0.5449, 0.7138, 0.2864
CMYK	0.36, 0.60, 0.00, 0.29
HSL	264°, 43%, 50%
HSV	264°, 60%, 71%
XYZ	18.0299, 11.8548, 45.5771
YIQ	98.2830, -9.3610, 43.0150

Conversions

Conversions Part 2

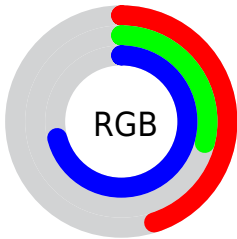
Format	Color
R_{YB}	116, 73, 182
Decimal	7621046
CIE _{Lab}	40.98, 41.67, -51.36
CIE _{LCh}	41, 66.137, 309.052
Yxy	11.8548, 0.2389, 0.1571
Android (android.graphics.Color)	4285811126 (0xFF7449B6)
YUV	98.2830, 41.2725, 15.5378
Hunter-Lab	34.4309, 33.2184, -54.3822

Details

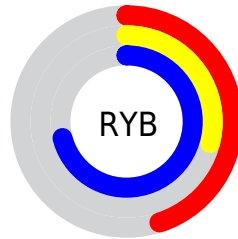
The YIQ color **98.2830, -9.3610, 43.0150** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **156.7170, 9.3610, -43.0150**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.8750, -8.0320, 46.4640**, and **47.5060, -11.6070, 39.6650** is the 20% darker color. If you saturate the color by 10%, you get **84.4280, -10.9670, 50.0970**, and if you desaturate by 10%, it is **112.1380, -7.7550, 35.9330**.

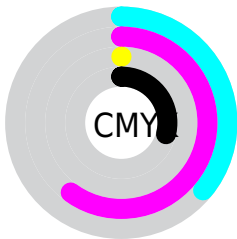
Distribution



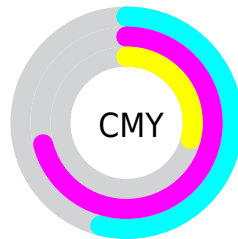
- Red (45%)
- Green (29%)
- Blue (71%)



- Red (45%)
- Yellow (29%)
- Blue (71%)



- Cyan (36%)
- Magenta (60%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.2830, -9.3610, 43.0150 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 98.2830, -9.3610, 43.0150 by changing the saturation by 10% instead.

■ 98.2830, -9.3610,
43.0150

■ 98.2830, -9.3610,
43.0150

■ 255.0000, -0.0000,
-0.0000

■ 73.0440, -10.1860,
41.4460

■ 150.8750, -8.0320,
46.4640

■ 47.5060, -11.6070,
39.6650

■ 176.9200, -3.9050,
43.2550

■ 21.1960, -13.6700,
38.5060

■ 201.4400, 5.9540,
35.2820

■ 8.8920, -25.0380,
24.2580

■ 225.6500, 13.7500,
26.1500

■ 7.9170, -18.1590,
15.2250

■ 242.0860, 6.0500,
11.5060

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 98.2830, -9.3610,
43.0150

■ 98.2830, -9.3610,
43.0150

■ 84.4280, -10.9670,
50.0970

■ 112.1380, -7.7550,
35.9330

■ 70.5730, -12.5730,
57.1790

■ 125.9930, -6.1490,
28.8510

■ 56.1310, -13.9040,
64.7840

■ 140.4350, -4.8180,
21.2460

■ 42.2760, -15.5100,
71.8660

■ 154.2900, -3.2120,
14.1640

■ 168.1450, -1.6060,
7.0820

■ 182.0000, -0.0000,
-0.0000

■ 195.8550, 1.6060,
-7.0820

■ 210.2970, 2.9370,
-14.6870

■ 224.1520, 4.5430,
-21.7690

Harmonies

Analogous

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



80.8960, -92.7550, 12.5010



98.2830, -9.3610, 43.0150



88.7650, 48.3600, 59.7200

Triad

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



98.2830, -9.3610, 43.0150



90.6250, 66.4830, -9.9410



83.2080, -68.9520, -27.9280

Complementary

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



98.2830, -9.3610, 43.0150



156.7170, 9.3610, -43.0150

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.



74.9490, -49.8300, -44.0860



98.2830, -9.3610, 43.0150



89.4970, 33.8880, -30.4640

Square

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



98.2830, -9.3610, 43.0150



85.7040, 83.5790, 21.6510



76.5190, -7.8770, -49.9970



88.5490, -85.3690, -11.2330

Rectangle

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



98.2830, -9.3610, 43.0150



76.2320, 74.9060, 63.2100



76.5190, -7.8770, -49.9970



80.4550, -62.5780, -33.3140

Sweetspot

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



98.2830, -9.3610, 43.0150



203.9850, -3.6710, 16.9770



124.7550, -53.4140, -1.1420



99.3670, -2.1110, 10.7290



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



98.2830, -9.3610, 43.0150



105.8260, -14.3630, 67.5970



114.1300, 22.2270, 54.2510



84.9230, -1.1010, 3.4350



36.0230, -13.7200, 61.4480



6.4810, -2.4320, 11.0400

Inverse Universe

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



113.1150, 43.7780, 43.6340



128.9850, 68.5320, 68.5960



140.8700, -22.2270, -54.2510



86.2610, 3.7590, 3.4630



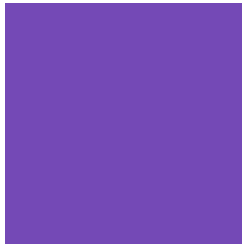
57.3600, 62.8020, 62.3060



10.3100, 11.2310, 11.2230

Previews

White Background



This preview shows how the YIQ color 98.2830, -9.3610, 43.0150 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 × Fail

Black Background



This preview shows how the YIQ color 98.2830, -9.3610, 43.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

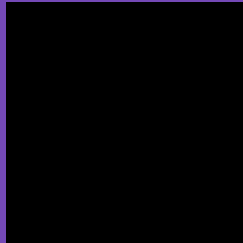
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.2830, -9.3610, 43.0150

Background



This preview shows how black text looks on a background with the YIQ color 98.2830, -9.3610, 43.0150.



This preview shows how white text looks on a background with the YIQ color 98.2830, -9.3610,

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

98.2830, -9.3610, 43.0150

Protanopia

77.1630, -89.1330, 12.9390

Deuteranopia

77.9490, -83.0790, 2.3370



Tritanopia

97.1080, -0.1840, 3.3360

Trichromacy



Original Color

98.2830, -9.3610, 43.0150

Protanomaly

84.9280, -60.2500, 23.6380

Deuteranomaly

85.5660, -56.5350, 16.8810

Tritanomaly

97.5120, -3.7170, 17.8110

Monochromacy



Original Color

98.2830, -9.3610, 43.0150

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.3440, -3.3040, 15.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2830, -9.3610, 43.0150 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(116, 73, 182)` looks like.

```
.text, #text, p{  
    color:rgb(116, 73, 182)  
}
```

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(116, 73, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 73, 182) }
```

Border

The CSS property to change the border of an element to YIQ 98.2830, -9.3610, 43.0150 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(116, 73, 182) }
```


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

```
.border{ border-color:rgb(116, 73, 182) }
```

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

Here you see how a box with a 4 pixel rgb(116, 73, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 73, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 73, 182);  
box-shadow:4px 4px 4px 4px rgb(116, 73,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2830, -9.3610, 43.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 73, 182) }
```

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

```
.background{ background-color: rgb(116, 73,  
182) }
```

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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