

Converting Colors

YIQ(110.4880, 5.9990, 39.9750)

Have a look what the booklet for
YIQ(110.4880, 5.9990, 39.9750)
contains.

YIQ(110.4880, 5.9990, 39.9750)	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(110.4880, 5.9990,
39.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	8D53AC
RGB	141, 83, 172
RGB Percent	55%, 33%, 67%
CMY	0.4469, 0.6746, 0.3255
CMYK	0.18, 0.52, 0.00, 0.33
HSL	279°, 35%, 50%
HSV	279°, 52%, 67%
XYZ	21.5296, 14.8280, 40.7513
YIQ	110.4880, 5.9990, 39.9750

Conversions

Conversions Part 2

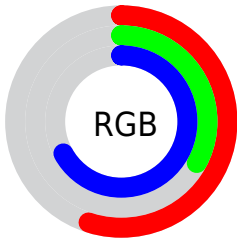
Format	Color
R_{YB}	141, 83, 172
Decimal	9261996
CIE _{Lab}	45.40, 40.15, -38.27
CIE _{LCh}	45, 55.466, 316.368
Yxy	14.8280, 0.2792, 0.1923
Android (android.graphics.Color)	4287452076 (0xFF8D53AC)
YUV	110.4880, 30.3254, 26.7590
Hunter-Lab	38.5071, 32.4131, -35.7904

Details

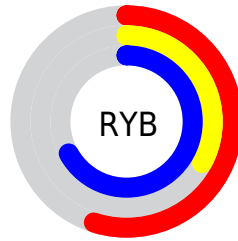
The YIQ color **110.4880, 5.9990, 39.9750** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **144.5120, -5.9990, -39.9750**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2540, 6.7780, 42.3780**, and **59.8360, 4.8990, 37.8830** is the 20% darker color. If you saturate the color by 10%, you get **98.7150, 7.0980, 47.5940**, and if you desaturate by 10%, it is **122.2610, 4.9000, 32.3560**.

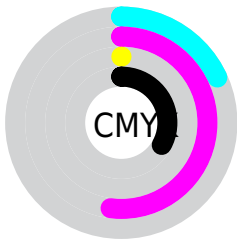
Distribution



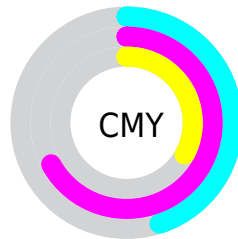
- Red (55%)
- Green (33%)
- Blue (67%)



- Red (55%)
- Yellow (33%)
- Blue (67%)



- Cyan (18%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.4880, 5.9990, 39.9750 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 110.4880, 5.9990, 39.9750 by changing the saturation by 10% instead.

110.4880, 5.9990,
39.9750

110.4880, 5.9990,
39.9750

255.0000, -0.0000,
-0.0000

84.6620, 5.4490,
38.9290

163.2540, 6.7780,
42.3780

59.8360, 4.8990,
37.8830

190.8520, 7.9700,
42.8020

33.0750, 5.7240,
39.4520

215.9590, 17.5540,
34.3060

19.3420, 0.1780,
29.8260

232.6940, 10.4500,
19.8740

8.0490, -9.7230,
16.5250

249.7170, 2.4750,
4.7070

3.4370, -8.3000,
7.2520

0.0000, 0.0000,

0.0000

■ 110.4880, 5.9990,
39.9750

■ 110.4880, 5.9990,
39.9750

■ 98.7150, 7.0980,
47.5940

■ 122.2610, 4.9000,
32.3560

■ 86.9420, 8.1970,
55.2130

■ 134.0340, 3.8010,
24.7370

■ 74.5820, 9.5710,
63.3550

■ 146.3940, 2.4270,
16.5950

■ 62.8090, 10.6700,
70.9740

■ 158.1670, 1.3280,
8.9760

■ 53.0960, 11.5400,
77.2360

■ 169.9400, 0.2290,
1.3570

■ 181.7130, -0.8700,
-6.2620

■ 193.4860, -1.9690,
-13.8810

■ 205.8460, -3.3430,
-22.0230

■ 217.6190, -4.4420,
-29.6420

Harmonies

Analogous

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



100.5490, -57.8650, 18.9590



110.4880, 5.9990, 39.9750



105.7350, 47.9040, 45.9520

Triad

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



110.4880, 5.9990, 39.9750



101.4790, 60.6620, -20.0900



90.7710, -77.8470, -26.4150

Complementary

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



110.4880, 5.9990, 39.9750



144.5120, -5.9990, -39.9750

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.



84.1250, -61.8890, -40.2970



110.4880, 5.9990, 39.9750



97.7260, 31.5050, -36.8390

Square

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



110.4880, 5.9990, 39.9750



102.7960, 71.1560, 10.0040



90.8850, -17.4150, -42.3350



93.7980, -90.5040, -11.7840

Rectangle

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



110.4880, 5.9990, 39.9750



101.9570, 64.5940, 40.8340



90.8850, -17.4150, -42.3350



88.9470, -72.7110, -31.3910

Sweetspot

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



110.4880, 5.9990, 39.9750



199.2800, 2.7480, 16.2840



111.3430, -37.0940, 11.4660



97.5800, 1.6030, 9.4990



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



110.4880, 5.9990, 39.9750



128.0550, 9.6170, 62.5210



118.2750, 28.6480, 42.5040



80.8200, 0.6870, 4.0710



46.4020, 10.2580, 67.4260



7.1070, 1.5570, 10.3330

Inverse Universe

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



113.1450, 43.0930, 28.5090



132.1470, 67.1150, 44.7070



136.7250, -28.6480, -42.5040



81.0330, 4.4010, 2.8410



50.7780, 72.7080, 47.9720



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 110.4880, 5.9990, 39.9750 looks on a white background.

Color Contrast Check

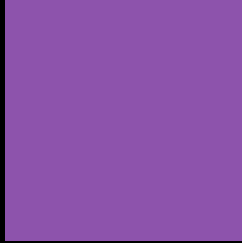
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4880, 5.9990, 39.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

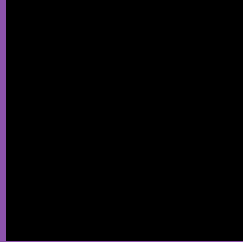
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.4880, 5.9990, 39.9750

Background



This preview shows how black text looks on a background with the YIQ color 110.4880, 5.9990, 39.9750.



This preview shows how white text looks on a background with the YIQ color 110.4880, 5.9990,

39.9750.

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

110.4880, 5.9990, 39.9750

Protanopia

103.2570, -51.1710, 18.7890

Deuteranopia

105.4570, -37.4150, 11.7770



Tritanopia

109.4800, 16.5040, 9.2720

Trichromacy



Original Color

110.4880, 5.9990, 39.9750

Protanomaly

105.8360, -30.6320, 26.5200

Deuteranomaly

107.2790, -21.8740, 21.9820

Tritanomaly

109.8900, 12.8340, 20.7220

Monochromacy



Original Color

110.4880, 5.9990, 39.9750

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0410, 1.9230, 14.7150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4880, 5.9990, 39.9750 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(141, 83, 172)` looks like.

```
.text, #text, p{  
    color:rgb(141, 83, 172)  
}
```

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(141, 83, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 83, 172) }
```

Border

The CSS property to change the border of an element to YIQ 110.4880, 5.9990, 39.9750 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(141, 83, 172) }
```


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

```
.border{ border-color:rgb(141, 83, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 83, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 83, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 83, 172);  
box-shadow:4px 4px 4px 4px rgb(141, 83,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4880, 5.9990, 39.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 83, 172) }
```

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

```
.background{ background-color: rgb(141, 83,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor