

Converting Colors

YIQ(110.5910, 4.2110, 39.3390)

Have a look what the booklet for
YIQ(110.5910, 4.2110, 39.3390)
contains.

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Color

**YIQ(110.5910, 4.2110,
39.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	8B54AD
RGB	139, 84, 173
RGB Percent	55%, 33%, 68%
CMY	0.4547, 0.6707, 0.3216
CMYK	0.20, 0.51, 0.00, 0.32
HSL	277°, 35%, 50%
HSV	277°, 51%, 68%
XYZ	21.3655, 14.8468, 41.2680
YIQ	110.5910, 4.2110, 39.3390

Conversions

Conversions Part 2

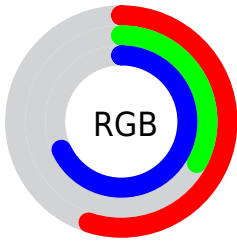
Format	Color
R_{YB}	139, 84, 173
Decimal	9131181
CIE _{Lab}	45.42, 39.26, -38.83
CIE _{LCh}	45, 55.221, 315.310
Yxy	14.8468, 0.2758, 0.1916
Android (android.graphics.Color)	4287321261 (0xFF8B54AD)
YUV	110.5910, 30.7676, 24.9147
Hunter-Lab	38.5315, 31.5470, -36.5288

Details

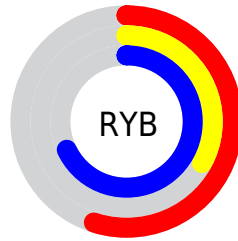
The YIQ color **110.5910, 4.2110, 39.3390** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **146.4090, -4.2110, -39.3390**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3570, 4.9900, 41.7420**, and **59.9390, 3.1110, 37.2470** is the 20% darker color. If you saturate the color by 10%, you get **98.5190, 4.7140, 46.7460**, and if you desaturate by 10%, it is **122.6630, 3.7080, 31.9320**.

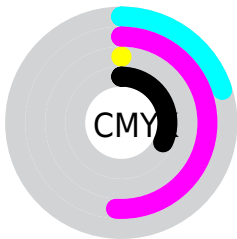
Distribution



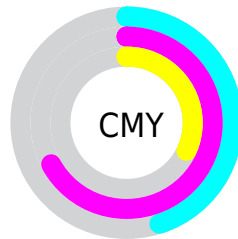
- Red (55%)
- Green (33%)
- Blue (68%)



- Red (55%)
- Yellow (33%)
- Blue (68%)



- Cyan (20%)
- Magenta (51%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (67%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.5910, 4.2110, 39.3390 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 110.5910, 4.2110, 39.3390 by changing the saturation by 10% instead.

■ 110.5910, 4.2110,
39.3390

■ 110.5910, 4.2110,
39.3390

■ 255.0000, -0.0000,
-0.0000

■ 84.7650, 3.6610,
38.2930

■ 163.3570, 4.9900,
41.7420

■ 59.9390, 3.1110,
37.2470

■ 190.8410, 6.5030,
41.8550

■ 33.7650, 3.6610,
38.2930

■ 215.9480, 16.0870,
33.3590

■ 18.8580, -1.3350,
29.7130

■ 233.2810, 10.1750,
19.3510

■ 7.2660, -11.8320,
16.2000

■ 249.7170, 2.4750,
4.7070

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,

0.0000

■ 110.5910, 4.2110,
39.3390

■ 110.5910, 4.2110,
39.3390

■ 98.5190, 4.7140,
46.7460

■ 122.6630, 3.7080,
31.9320

■ 86.1590, 6.0880,
54.8880

■ 135.0230, 2.3340,
23.7900

■ 74.0870, 6.5910,
62.2950

■ 147.0950, 1.8310,
16.3830

■ 62.3140, 7.6900,
69.9140

■ 158.8680, 0.7320,
8.7640

■ 51.7150, 8.2390,
76.4870

■ 170.9400, 0.2290,
1.3570

■ 183.5990, -0.5490,
-6.5730

■ 195.3720, -1.6480,
-14.1920

■ 207.4440, -2.1510,
-21.5990

■ 219.8040, -3.5250,
-29.7410

Harmonies

Analogous

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



99.9400, -60.5240, 17.5880



110.5910, 4.2110, 39.3390



106.1370, 46.7120, 45.5280

Triad

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



110.5910, 4.2110, 39.3390



101.1910, 61.5330, -19.3550



90.6570, -77.5260, -26.7260

Complementary

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



110.5910, 4.2110, 39.3390



146.4090, -4.2110, -39.3390

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.



83.8970, -61.2470, -40.9190



110.5910, 4.2110, 39.3390



98.3240, 32.6970, -36.4150

Square

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



110.5910, 4.2110, 39.3390



103.0240, 70.5140, 10.6260



91.2660, -14.1140, -41.5860



94.1570, -90.1370, -12.9290

Rectangle

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



110.5910, 4.2110, 39.3390



102.6580, 63.9980, 40.6220



91.2660, -14.1140, -41.5860



88.8330, -72.3900, -31.7020

Sweetspot

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



110.5910, 4.2110, 39.3390



201.0410, 1.9230, 14.7150



114.1040, -37.9190, 9.8970



97.8680, 0.7320, 8.7640



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.



110.5910, 4.2110, 39.3390



126.5600, 6.6370, 61.4610



119.6170, 27.6850, 43.4370



80.5210, 0.0910, 3.8590



44.9070, 7.2780, 66.3660



6.8080, 0.9610, 10.1210

Inverse Universe

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



114.4870, 42.1300, 29.4420



132.6030, 65.8310, 45.9510



137.3830, -27.6850, -43.4370



81.0330, 4.4010, 2.8410



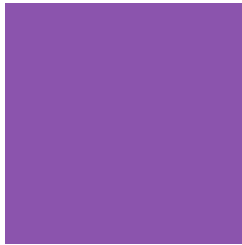
51.3480, 71.1030, 49.5270



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 110.5910, 4.2110, 39.3390 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 110.5910, 4.2110, 39.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

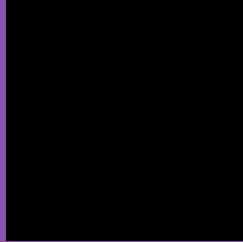
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.5910, 4.2110, 39.3390

Background



This preview shows how black text looks on a background with the YIQ color 110.5910, 4.2110, 39.3390.



This preview shows how white text looks on a background with the YIQ color 110.5910, 4.2110,

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

110.5910, 4.2110, 39.3390

Protanopia

103.3710, -51.4920, 19.1000

Deuteranopia

105.2720, -38.3320, 11.8760



Tritanopia

109.5830, 14.7160, 8.6360

Trichromacy



Original Color

110.5910, 4.2110, 39.3390

Protanomaly

105.9500, -30.9530, 26.8310

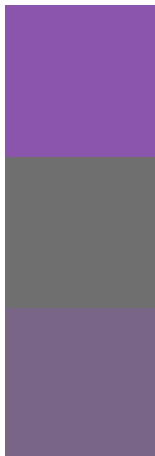
Deuteranomaly

107.0940, -22.7910, 22.0810

Tritanomaly

109.9930, 11.0460, 20.0860

Monochromacy



Original Color

110.5910, 4.2110, 39.3390

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.7420, 1.3270, 14.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.5910, 4.2110, 39.3390 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(139, 84, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 84, 173)  
}
```

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(139, 84, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 84, 173) }
```

Border

The CSS property to change the border of an element to YIQ 110.5910, 4.2110, 39.3390 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(139, 84, 173) }
```


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

```
.border{ border-color:rgb(139, 84, 173) }
```

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

Here you see how a box with a 4 pixel rgb(139, 84, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 84, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 84, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 84,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 110.5910, 4.2110, 39.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 84, 173) }
```

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

```
.background{ background-color: rgb(139, 84,  
173) }
```

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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