

Converting Colors

YIQ(111.9710, 10.3940, 75.9780)

Have a look what the booklet for
YIQ(111.9710, 10.3940, 75.9780)
contains.

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Color

**YIQ(111.9710, 10.3940,
75.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	A93CE6
RGB	169, 60, 230
RGB Percent	66%, 24%, 90%
CMY	0.3369, 0.7649, 0.0981
CMYK	0.26, 0.74, 0.00, 0.10
HSL	279°, 77%, 57%
HSV	279°, 74%, 90%
XYZ	32.2753, 17.3842, 76.5003
YIQ	111.9710, 10.3940, 75.9780

Conversions

Conversions Part 2

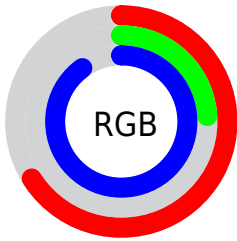
Format	Color
R _Y B	169, 60, 230
Decimal	11091174
CIE Lab	48.74, 69.78, -66.18
CIE LCh	49, 96.168, 316.516
Yxy	17.3842, 0.2558, 0.1378
Android (android.graphics.Color)	4289281254 (0xFFA93CE6)
YUV	111.9710, 58.1883, 50.0144
Hunter-Lab	41.6943, 65.2108, -79.5987

Details

The YIQ color **111.9710, 10.3940, 75.9780** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **178.0290, -10.3940, -75.9780**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9210, 21.8580, 66.4500**, and **52.9110, 10.6230, 77.3350** is the 20% darker color. If you saturate the color by 10%, you get **96.0780, 11.9510, 86.3110**, and if you desaturate by 10%, it is **127.8640, 8.8370, 65.6450**.

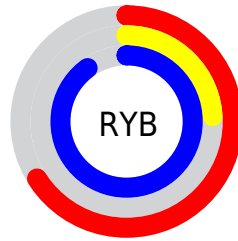
Distribution



Red (66%)

Green (24%)

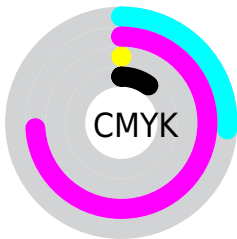
Blue (90%)



Red (66%)

Yellow (24%)

Blue (90%)

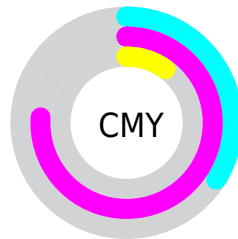


Cyan (26%)

Magenta (74%)

Yellow (0%)

Black (10%)



Cyan (34%)

Magenta (76%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.9710, 10.3940, 75.9780 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 111.9710, 10.3940, 75.9780 by changing the saturation by 10% instead.

111.9710, 10.3940,
75.9780

111.9710, 10.3940,
75.9780

255.0000, -0.0000,
-0.0000

79.4490, 12.0440,
79.1160

166.2200, 22.4540,
66.6620

52.9110, 10.6230,
77.3350

190.4300, 30.2500,
57.5300

41.1620, 2.0060,
62.7900

207.4530, 22.2750,
42.3630

28.8150, -7.8030,
47.8210

224.4760, 14.3000,
27.1960

16.0980, -19.4460,
33.0500

241.4990, 6.3250,
12.0290

7.8660, -22.1490,
21.4590

7.0050, -15.5910,

12.7370

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 111.9710, 10.3940,
75.9780

■ 111.9710, 10.3940,
75.9780

■ 96.0780, 11.9510,
86.3110

■ 127.8640, 8.8370,
65.6450

■ 80.1850, 13.5080,
96.6440

■ 144.0560, 7.8760,
55.5240

■ 70.4720, 14.3780,
102.9060

■ 159.9490, 6.3190,
45.1910

■ 175.8420, 4.7620,
34.8580

■ 191.7350, 3.2050,
24.5250

■ 207.9270, 2.2440,
14.4040

■ 223.8200, 0.6870,
4.0710

■ 239.7130, -0.8700,
-6.2620

■ 248.5620, 0.8730,
-10.3190

Harmonies

Analogous

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



94.8140, -112.6550, 20.7290



111.9710, 10.3940, 75.9780



88.6470, 91.1760, 98.7600

Triad

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



111.9710, 10.3940, 75.9780



109.2420, 74.6910, -15.5250



104.5290, -91.7850, -27.1210

Complementary

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



111.9710, 10.3940, 75.9780



178.0290, -10.3940, -75.9780

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.



93.5510, -63.6290, -52.8210



111.9710, 10.3940, 75.9780



103.5630, 24.3540, -44.9100

Square

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



111.9710, 10.3940, 75.9780



91.6300, 121.9540, 25.5220



81.5930, -38.2250, -72.6970



112.4920, -115.5850, -3.2730

Rectangle

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



111.9710, 10.3940, 75.9780



86.3780, 116.2580, 84.7220



81.5930, -38.2250, -72.6970



101.3370, -82.7970, -35.8290

Sweetspot

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



111.9710, 10.3940, 75.9780



216.1480, 3.4800, 25.0480



115.7740, -71.6200, 20.4440



104.4540, 2.1980, 15.2380



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



111.9710, 10.3940, 75.9780



97.5320, 14.1490, 101.5490



127.5880, 54.1330, 81.7570



106.7600, 0.9160, 5.4280



54.7910, 11.0810, 80.0490



15.6810, 3.2970, 22.8570

Inverse Universe

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



117.7840, 81.7390, 55.0110



105.1070, 109.2910, 73.3150



162.4120, -54.1330, -81.7570



107.0440, 5.8680, 3.7880



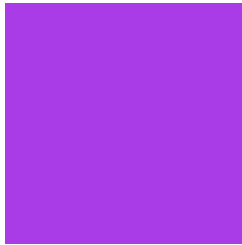
60.8170, 86.1400, 57.8520



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 111.9710, 10.3940, 75.9780 looks on a white background.

Color Contrast Check

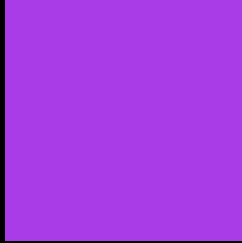
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.9710, 10.3940, 75.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

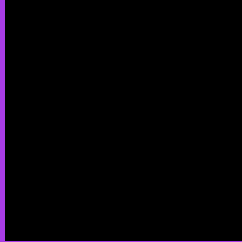
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.9710, 10.3940, 75.9780

Background



This preview shows how black text looks on a background with the YIQ color 111.9710, 10.3940, 75.9780.



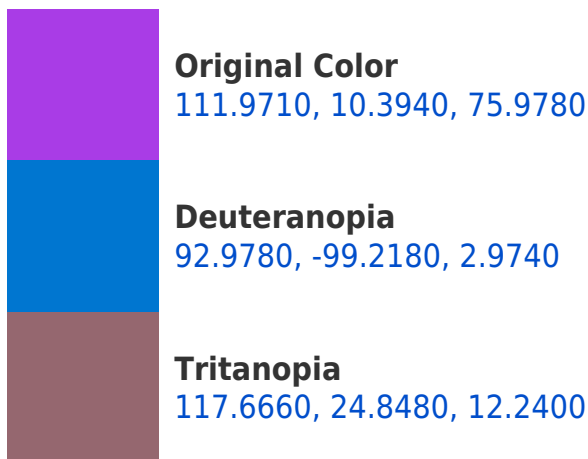
This preview shows how white text looks on a background with the YIQ color 111.9710, 10.3940,

75.9780.

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



Trichromacy



Original Color

111.9710, 10.3940, 75.9780



Deuteranomaly

99.8020, -59.6550, 29.3770



Tritanomaly

115.2690, 19.6170, 35.4650

Monochromacy



Original Color

111.9710, 10.3940, 75.9780



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

112.0280, 3.9380, 27.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.9710, 10.3940, 75.9780 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(169, 60, 230)` looks like.

```
.text, #text, p{  
    color:rgb(169, 60, 230)  
}
```

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(169, 60, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 60, 230) }
```

Border

The CSS property to change the border of an element to YIQ 111.9710, 10.3940, 75.9780 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(169, 60, 230) }
```

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

```
.border{ border-color:rgb(169, 60, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 60, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 60, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 60, 230);  
box-shadow:4px 4px 4px 4px rgb(169, 60,  
230) }
```


Background

The CSS property to change the background color of an element to YIQ 111.9710, 10.3940, 75.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 60, 230) }
```

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

```
.background{ background-color: rgb(169, 60,  
230) }
```

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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