

Converting Colors

YIQ(121.7390, 14.5770, 16.6650)

Have a look what the booklet for
YIQ(121.7390, 14.5770, 16.6650)
contains.

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Color

**YIQ(121.7390, 14.5770,
16.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	926B86
RGB	146, 107, 134
RGB Percent	57%, 42%, 53%
CMY	0.4273, 0.5804, 0.4745
CMYK	0.00, 0.27, 0.08, 0.43
HSL	318°, 15%, 50%
HSV	318°, 27%, 57%
XYZ	21.4188, 18.3470, 24.9701
YIQ	121.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

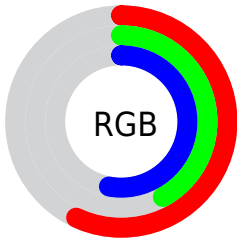
Format	Color
R_{YB}	146, 107, 134
Decimal	9595782
CIE _{Lab}	49.91, 20.15, -8.77
CIE _{LCh}	50, 21.981, 336.474
Yxy	18.3470, 0.3309, 0.2834
Android (android.graphics.Color)	4287785862 (0xFF926B86)
YUV	121.7390, 6.0447, 21.2769
Hunter-Lab	42.8334, 14.3000, -4.5802

Details

The YIQ color **121.7390, 14.5770, 16.6650** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.2610, -14.5770, -16.6650**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.4510, 15.4480, 17.4000**, and **72.6140, 13.4310, 15.4070** is the 20% darker color. If you saturate the color by 10%, you get **112.4780, 19.9860, 23.2660**, and if you desaturate by 10%, it is **131.1140, 8.8470, 10.3750**.

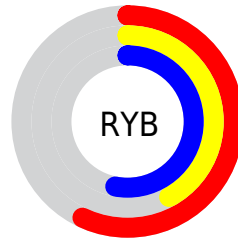
Distribution



Red (57%)

Green (42%)

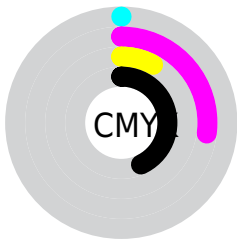
Blue (53%)



Red (57%)

Yellow (42%)

Blue (53%)

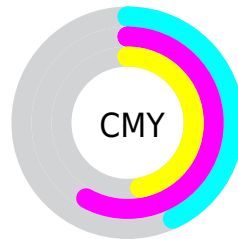


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (43%)



Cyan (43%)


Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.7390, 14.5770, 16.6650 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 121.7390, 14.5770, 16.6650 by changing the saturation by 10% instead.


 121.7390, 14.5770,
16.6650


 121.7390, 14.5770,
16.6650


255.0000, -0.0000,
-0.0000


 96.4400, 13.9810,
16.4530


 174.4510, 15.4480,
17.4000

 72.6140, 13.4310,
15.4070


 202.1630, 16.3190,
18.1350

 49.9020, 12.5600,
14.6720

 229.5650, 15.1270,
17.7110

 27.3040, 11.3680,
14.2480

 247.3690, 3.5750,
6.7990

 11.1360, 11.7810,
12.2690

 0.0000, 0.0000,
0.0000

121.7390, 14.5770,
16.6650

121.7390, 14.5770,
16.6650

112.4780, 19.9860,
23.2660

131.1140, 8.8470,
10.3750

103.6900, 25.4410,
29.0330

139.7880, 3.7130,
4.2970

94.4290, 30.8500,
35.6340

149.0490, -1.6960,
-2.3040

85.6410, 36.3050,
41.4010

157.8370, -7.1510,
-8.0710

76.3800, 41.7140,
48.0020

167.0980,
-12.5600, -14.6720

67.0050, 47.4440,
54.2920

176.4730,
-18.2900, -20.9620

58.3310, 52.5780,
60.3700


185.1470,
-23.4240, -27.0400

55.1680, 54.5950,

194.5220,

62.3630

-29.1540, -33.3300

 203.1960,
-34.2880, -39.4080

Harmonies

Analogous

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



121.2900, -3.2120, 14.1640



121.7390, 14.5770, 16.6650



121.3890, 27.1860, 13.9220

Triad

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



121.7390, 14.5770, 16.6650



117.4730, 17.2410, -9.5990



109.3350, -43.7840, -10.4720

Complementary

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



121.7390, 14.5770, 16.6650



131.2610, -14.5770, -16.6650

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.



109.6640, -34.7050, -15.3210



121.7390, 14.5770, 16.6650



115.1120, 2.0200, -14.5880

Square

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



121.7390, 14.5770, 16.6650



119.3760, 28.0600, -1.9240



112.5920, -17.0070, -16.6790



113.1280, -38.4670, -2.2030

Rectangle

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



121.7390, 14.5770, 16.6650



120.6080, 30.7630, 9.6670



112.5920, -17.0070, -16.6790



109.3520, -42.4540, -12.5500

Sweetspot

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



121.7390, 14.5770, 16.6650



179.6250, 5.7300, 6.2900



115.0340, -5.3670, 14.6730



88.3750, 3.4380, 3.7740



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.



121.7390, 14.5770, 16.6650



151.0270, 22.8740, 25.9940



119.5730, 20.6760, 10.7560



69.6630, 2.5670, 3.0390



52.0920, 51.7530, 58.8010



3.7880, 3.7130, 4.2970

Inverse Universe

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



121.7390, 14.5770, 16.6650



151.0270, 22.8740, 25.9940



133.4270, -20.6760, -10.7560



69.6630, 2.5670, 3.0390



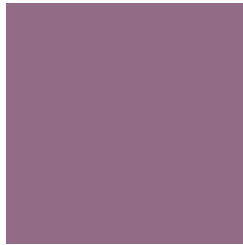
52.0920, 51.7530, 58.8010



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 121.7390, 14.5770, 16.6650 looks on a white background.

Color Contrast Check

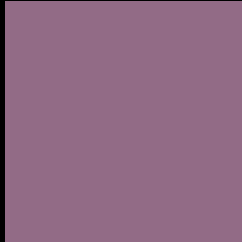
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7390, 14.5770, 16.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

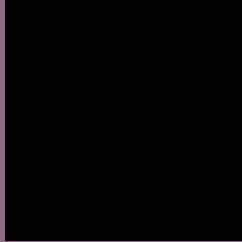
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.7390, 14.5770, 16.6650

Background



This preview shows how black text looks on a background with the YIQ color 121.7390, 14.5770, 16.6650.



This preview shows how white text looks on a background with the YIQ color 121.7390, 14.5770,

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

121.7390, 14.5770, 16.6650

Protanopia

119.4260, -9.7670, 6.3050

Deuteranopia

120.2160, -0.3680, 6.6720



Tritanopia

121.0780, 17.6960, 9.6960

Trichromacy



Original Color

121.7390, 14.5770, 16.6650

Protanomaly

120.3240, -0.5520, 10.0080

Deuteranomaly

120.9610, 4.9040, 10.2480

Tritanomaly

121.4740, 16.6410, 12.2970

Monochromacy



Original Color

121.7390, 14.5770, 16.6650

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2120, 5.4550, 5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7390, 14.5770, 16.6650 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(146, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(146, 107, 134)  
}
```

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(146, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 107, 134) }
```

Border

The CSS property to change the border of an element to YIQ 121.7390, 14.5770, 16.6650 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(146, 107, 134) }
```


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

```
.border{ border-color:rgb(146, 107, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 107, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 107, 134);  
box-shadow:4px 4px 4px 4px rgb(146, 107,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7390, 14.5770, 16.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 107, 134) }
```

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

```
.background{ background-color: rgb(146,  
107, 134) }
```

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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