

Converting Colors

YIQ(121.4970, 0.6390, 15.9590)

Have a look what the booklet for
YIQ(121.4970, 0.6390, 15.9590)
contains.

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Color

**YIQ(121.4970, 0.6390,
15.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	846F94
RGB	132, 111, 148
RGB Percent	52%, 44%, 58%
CMY	0.4823, 0.5647, 0.4196
CMYK	0.11, 0.25, 0.00, 0.42
HSL	274°, 15%, 51%
HSV	274°, 25%, 58%
XYZ	20.5469, 18.4119, 30.4851
YIQ	121.4970, 0.6390, 15.9590

Conversions

Conversions Part 2

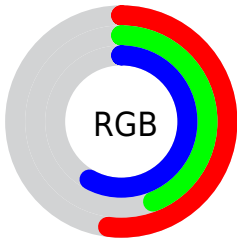
Format	Color
R_{YB}	132, 111, 148
Decimal	8679316
CIE _{Lab}	49.99, 15.63, -17.06
CIE _{LCh}	50, 23.140, 312.501
Yxy	18.4119, 0.2959, 0.2651
Android (android.graphics.Color)	4286869396 (0xFF846F94)
YUV	121.4970, 13.0660, 9.2111
Hunter-Lab	42.9091, 10.3832, -12.0867

Details

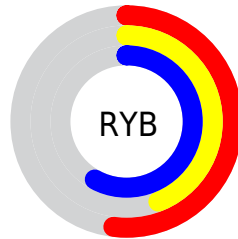
The YIQ color $121.4970, 0.6390, 15.9590$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $137.5030, -0.6390, -15.9590$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $174.0240, 0.5930, 16.7930$, and $72.5570, 0.4100, 14.6020$ is the 20% darker color. If you saturate the color by 10%, you get $110.8980, 1.1880, 22.5320$, and if you desaturate by 10%, it is $132.0960, 0.0900, 9.3860$.

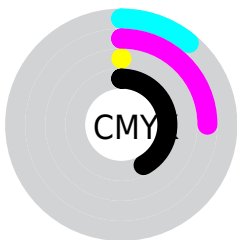
Distribution



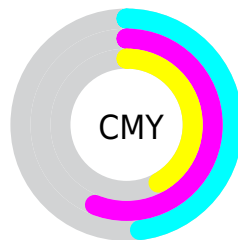
- Red (52%)
- Green (44%)
- Blue (58%)



- Red (52%)
- Yellow (44%)
- Blue (58%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.4970, 0.6390, 15.9590 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 121.4970, 0.6390, 15.9590 by changing the saturation by 10% instead.

121.4970, 0.6390,
15.9590

121.4970, 0.6390,
15.9590

255.0000, -0.0000,
-0.0000

96.9700, 0.6850,
15.1250

174.0240, 0.5930,
16.7930

72.5570, 0.4100,
14.6020

201.4370, 0.8680,
17.3160

50.0300, 0.4560,
13.7680

229.3940, 2.4270,
16.5950

28.3180, -0.4150,
13.0330

249.7170, 2.4750,
4.7070

9.1010, 1.6940,
13.3580

0.0000, 0.0000,
0.0000

121.4970, 0.6390,
15.9590

121.4970, 0.6390,
15.9590

110.8980, 1.1880,
22.5320

132.0960, 0.0900,
9.3860

100.0000, 1.1410,
28.8930

142.9940, 0.1370,
3.0250

89.9880, 1.4150,
34.9430

153.0060, -0.1370,
-3.0250

79.0900, 1.3680,
41.3040

163.9040, -0.0900,
-9.3860

68.4910, 1.9170,
47.8770

174.5030, -0.6390,
-15.9590

57.8920, 2.4660,
54.4500

185.1020, -1.1880,
-22.5320

46.9940, 2.4190,
60.8110

196.0000, -1.1410,
-28.8930

41.9880, 2.5560,

206.0120, -1.4150,

63.8360

-34.9430

 216.9100, -1.3680,
-41.3040

Harmonies

Analogous

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



118.5590, -20.2670, 9.3730



121.4970, 0.6390, 15.9590



122.0060, 18.1990, 17.1030

Triad

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



121.4970, 0.6390, 15.9590



119.0230, 27.5560, -3.8040



108.7280, -40.7570, -15.7730

Complementary

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



121.4970, 0.6390, 15.9590



137.5030, -0.6390, -15.9590

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.



111.7270, -21.8210, -17.5410



121.4970, 0.6390, 15.9590



116.6360, 15.2240, -11.5920

Square

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



121.4970, 0.6390, 15.9590



120.3430, 32.8270, 5.2990



114.6060, -2.4270, -16.5950



108.7090, -47.7730, -9.7650

Rectangle

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



121.4970, 0.6390, 15.9590



121.4430, 27.0940, 15.5900



114.6060, -2.4270, -16.5950



109.7240, -34.9340, -16.6780

Sweetspot

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



121.4970, 0.6390, 15.9590



180.4010, 0.5490, 6.5730



124.6100, -16.2770, 3.1390



89.9340, 0.3660, 4.3820



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



121.4970, 0.6390, 15.9590



150.0660, 0.7750, 24.5110



126.0530, 10.8170, 18.7290



68.9940, 0.1370, 3.0250



39.0540, 2.1900, 59.4540



2.9340, 0.3660, 4.3820

Inverse Universe

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



123.8870, 16.9160, 12.8200



153.8930, 25.9470, 19.8590



132.9470, -10.8170, -18.7290



69.4350, 3.2090, 2.4170



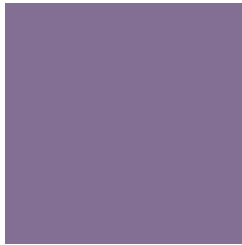
47.9880, 63.3090, 47.6050



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 121.4970, 0.6390, 15.9590 looks on a white background.

Color Contrast Check

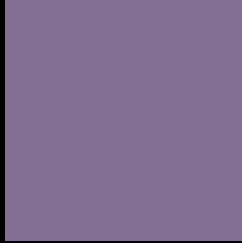
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 121.4970, 0.6390, 15.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

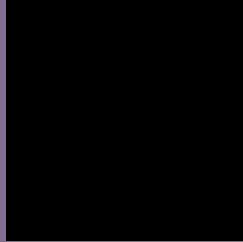
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.4970, 0.6390, 15.9590

Background



This preview shows how black text looks on a background with the YIQ color 121.4970, 0.6390, 15.9590.



This preview shows how white text looks on a background with the YIQ color 121.4970, 0.6390,

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

121.4970, 0.6390, 15.9590

Protanopia

119.5980, -16.0030, 9.1890

Deuteranopia

120.1210, -10.2260, 9.1180



Tritanopia

119.9130, 4.8590, 5.5550

Trichromacy



Original Color

121.4970, 0.6390, 15.9590

Protanomaly

120.0010, -9.7680, 11.8320

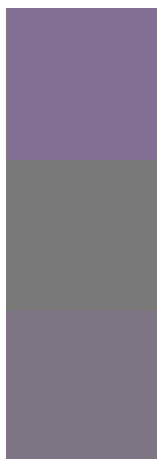
Deuteranomaly

120.7410, -6.1000, 11.4360

Tritanomaly

120.6510, 2.8410, 9.0890

Monochromacy



Original Color

121.4970, 0.6390, 15.9590

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9880, 0.2740, 6.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4970, 0.6390, 15.9590 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(132, 111, 148)` looks like.

```
.text, #text, p{  
    color:rgb(132, 111, 148)  
}
```

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(132, 111, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 111, 148) }
```

Border

The CSS property to change the border of an element to YIQ 121.4970, 0.6390, 15.9590 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(132, 111, 148) }
```


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

```
.border{ border-color:rgb(132, 111, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 111, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 111, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 111, 148);  
box-shadow:4px 4px 4px 4px rgb(132, 111,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4970, 0.6390, 15.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 111, 148) }
```

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

```
.background{ background-color: rgb(132,  
111, 148) }
```

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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