

Converting Colors

YIQ(122.4910, 0.7760, 18.9840)

Have a look what the booklet for
YIQ(122.4910, 0.7760, 18.9840)
contains.

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Color

**YIQ(122.4910, 0.7760,
18.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	876E9A
RGB	135, 110, 154
RGB Percent	53%, 43%, 60%
CMY	0.4705, 0.5687, 0.3961
CMYK	0.12, 0.29, 0.00, 0.40
HSL	274°, 18%, 52%
HSV	274°, 29%, 60%
XYZ	21.4021, 18.6352, 33.0373
YIQ	122.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

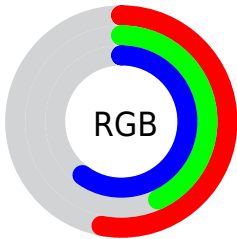
Format	Color
R_{YB}	135, 110, 154
Decimal	8875674
CIE _{Lab}	50.26, 18.60, -20.16
CIE _{LCh}	50, 27.424, 312.693
Yxy	18.6352, 0.2929, 0.2550
Android (android.graphics.Color)	4287065754 (0xFF876E9A)
YUV	122.4910, 15.5339, 10.9704
Hunter-Lab	43.1685, 12.9521, -15.1574

Details

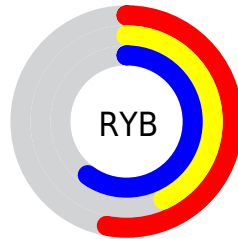
The YIQ color $122.4910, 0.7760, 18.9840$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $141.5090, -0.7760, -18.9840$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $175.4310, 1.0050, 20.3410$, and $73.5510, 0.5470, 17.6270$ is the 20% darker color. If you saturate the color by 10%, you get $111.5930, 0.7290, 25.3450$, and if you desaturate by 10%, it is $133.3890, 0.8230, 12.6230$.

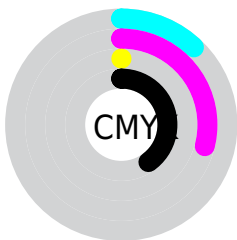
Distribution



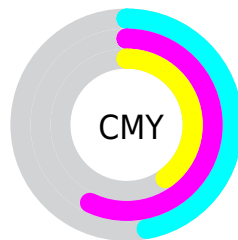
- Red (53%)
- Green (43%)
- Blue (60%)



- Red (53%)
- Yellow (43%)
- Blue (60%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4910, 0.7760, 18.9840 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 122.4910, 0.7760, 18.9840 by changing the saturation by 10% instead.

■ 122.4910, 0.7760,
18.9840

■ 122.4910, 0.7760,
18.9840

■ 255.0000, -0.0000,
-0.0000

■ 97.0780, 0.5010,
18.4610

■ 175.4310, 1.0050,
20.3410

■ 73.5510, 0.5470,
17.6270

■ 202.8440, 1.2800,
20.8640

■ 50.7250, -0.0030,
16.5810

■ 229.7040, 4.4900,
17.7540

■ 28.8990, -0.5530,
15.5350

■ 249.1300, 2.7500,
5.2300

■ 10.1550, 1.6020,
15.0260

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,

0.0000

■ 122.4910, 0.7760,
18.9840

■ 122.4910, 0.7760,
18.9840

■ 111.5930, 0.7290,
25.3450

■ 133.3890, 0.8230,
12.6230

■ 100.4070, 1.5530,
32.4410

■ 144.5750, -0.0010,
5.5270

■ 89.5090, 1.5060,
38.8020

■ 155.4730, 0.0460,
-0.8340

■ 78.0240, 1.7340,
45.6860

■ 166.9580, -0.1820,
-7.7180

■ 67.4250, 2.2830,
52.2590

■ 177.5570, -0.7310,
-14.2910

■ 56.5270, 2.2360,
58.6200

■ 188.4550, -0.6840,
-20.6520

■ 45.3410, 3.0600,
65.7160

■ 199.6410, -1.5080,
-27.7480

■ 43.8680, 3.0140,
66.5500

■ 210.5390, -1.4610,
-34.1090

■ 222.0240, -1.6890,
-40.9930

Harmonies

Analogous

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



118.8730, -24.0270, 11.4370



122.4910, 0.7760, 18.9840



122.6800, 22.2330, 21.0890

Triad

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



122.4910, 0.7760, 18.9840



118.8340, 32.4620, -4.6100



104.7480, -52.6770, -20.0130

Complementary

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



122.4910, 0.7760, 18.9840



141.5090, -0.7760, -18.9840

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.



110.0960, -27.4140, -20.8060



122.4910, 0.7760, 18.9840



116.8380, 17.4710, -13.7690

Square

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



122.4910, 0.7760, 18.9840



120.5070, 38.2370, 6.3730



113.8400, -3.2060, -18.9980



103.2770, -64.2320, -14.3440

Rectangle

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



122.4910, 0.7760, 18.9840



122.3620, 31.8160, 18.1200



113.8400, -3.2060, -18.9980



106.5270, -44.7450, -20.5930

Sweetspot

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



122.4910, 0.7760, 18.9840



188.3410, 0.7780, 7.9300



126.1690, -19.3490, 3.7470



94.0480, 0.0450, 4.6930



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



122.4910, 0.7760, 18.9840



152.4130, 1.4160, 29.4160



127.8300, 13.0630, 22.0790



71.1080, -0.1840, 3.3360



39.8800, 2.7400, 60.5000



3.5750, -0.0010, 5.5270

Inverse Universe

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



125.3220, 20.1250, 15.2370



156.6380, 31.2190, 23.4350



136.1700, -13.0630, -22.0790



71.7340, 3.8050, 2.6290



48.7000, 64.1800, 48.3400



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 122.4910, 0.7760, 18.9840 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 122.4910, 0.7760, 18.9840 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 122.4910, 0.7760, 18.9840

Background



This preview shows how black text looks on a background with the YIQ color 122.4910, 0.7760, 18.9840.



This preview shows how white text looks on a background with the YIQ color 122.4910, 0.7760,

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

122.4910, 0.7760, 18.9840

Protanopia

119.7980, -19.4420, 10.9420

Deuteranopia

120.7940, -13.6190, 10.0370



Tritanopia

121.2120, 5.4550, 5.7670

Trichromacy



Original Color

122.4910, 0.7760, 18.9840

Protanomaly

120.7990, -12.0150, 14.0090

Deuteranomaly

121.4250, -8.0260, 13.3020

Tritanomaly

121.8900, 3.6660, 10.6580

Monochromacy



Original Color

122.4910, 0.7760, 18.9840

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.5150, 0.2280, 6.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4910, 0.7760, 18.9840 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(135, 110, 154)` looks like.

```
.text, #text, p{  
    color:rgb(135, 110, 154)  
}
```

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(135, 110, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 110, 154) }
```

Border

The CSS property to change the border of an element to YIQ 122.4910, 0.7760, 18.9840 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(135, 110, 154) }
```


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

```
.border{ border-color:rgb(135, 110, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 110, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 110, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 110, 154);  
box-shadow:4px 4px 4px 4px rgb(135, 110,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4910, 0.7760, 18.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 110, 154) }
```

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

```
.background{ background-color: rgb(135,  
110, 154) }
```

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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