

Converting Colors

YIQ(121.4430, 9.8990, 24.3550)

Have a look what the booklet for
YIQ(121.4430, 9.8990, 24.3550)
contains.

YIQ(121.4430, 9.8990, 24.3550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(121.4430, 9.8990,
24.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	926798
RGB	146, 103, 152
RGB Percent	57%, 40%, 60%
CMY	0.4273, 0.5961, 0.4039
CMYK	0.04, 0.32, 0.00, 0.40
HSL	293°, 19%, 50%
HSV	293°, 32%, 60%
XYZ	22.3761, 18.0780, 32.0160
YIQ	121.4430, 9.8990, 24.3550

Conversions

Conversions Part 2

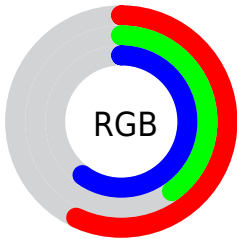
Format	Color
R_{YB}	146, 103, 152
Decimal	9594776
CIE _{Lab}	49.59, 26.02, -19.91
CIE _{LCh}	50, 32.759, 322.578
Yxy	18.0780, 0.3088, 0.2495
Android (android.graphics.Color)	4287784856 (0xFF926798)
YUV	121.4430, 15.0646, 21.5365
Hunter-Lab	42.5183, 19.5321, -14.8822

Details

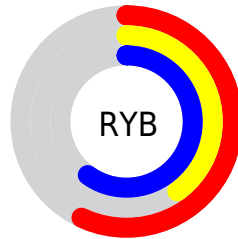
The YIQ color **121.4430, 9.8990, 24.3550** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.5570, -9.8990, -24.3550**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5680, 11.0450, 25.6130**, and **72.2040, 9.0740, 22.7860** is the 20% darker color. If you saturate the color by 10%, you get **112.0400, 12.8320, 31.7760**, and if you desaturate by 10%, it is **130.8460, 6.9660, 16.9340**.

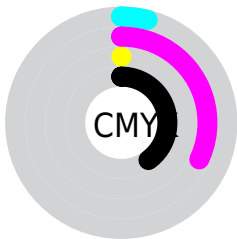
Distribution



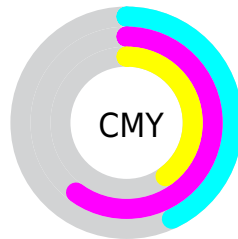
- Red (57%)
- Green (40%)
- Blue (60%)



- Red (57%)
- Yellow (40%)
- Blue (60%)



- Cyan (4%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.4430, 9.8990, 24.3550 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 121.4430, 9.8990, 24.3550 by changing the saturation by 10% instead.

121.4430, 9.8990,
24.3550

121.4430, 9.8990,
24.3550

255.0000, -0.0000,
-0.0000

96.0300, 9.6240,
23.8320

174.5680, 11.0450,
25.6130

72.2040, 9.0740,
22.7860

202.0950, 10.9990,
26.4470

48.4920, 8.2030,
22.0510

227.9980, 12.6500,
24.0580

26.0790, 7.9280,
21.5280

245.0210, 4.6750,
8.8910

12.4330, 6.6910,
16.4110

0.5700, -1.6050,
1.5550

0.0000, 0.0000,

0.0000

121.4430, 9.8990,
24.3550

121.4430, 9.8990,
24.3550

112.0400, 12.8320,
31.7760

130.8460, 6.9660,
16.9340

102.6370, 15.7650,
39.1970

140.2490, 4.0330,
9.5130

92.6470, 18.9730,
47.1410

150.2390, 0.8250,
1.5690

83.5430, 22.5020,
54.7740

159.3430, -2.7040,
-6.0640

74.1400, 25.4350,
62.1950

168.7460, -5.6370,
-13.4850

64.7370, 28.3680,
69.6160

178.1490, -8.5700,
-20.9060

■ 57.3940, 31.0720,
75.6800

■ 187.5520,
-11.5030, -28.3270

■ 197.5420,
-14.7110, -36.2710

■ 206.9450,
-17.6440, -43.6920

Harmonies

Analogous

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



118.4870, -19.7640, 16.7800



121.4430, 9.8990, 24.3550



120.6490, 32.6860, 24.3820

Triad

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



121.4430, 9.8990, 24.3550



116.4440, 33.3800, -10.2360



93.2160, -80.5980, -26.1180

Complementary

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



121.4430, 9.8990, 24.3550



133.5570, -9.8990, -24.3550

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.



101.6850, -48.3660, -26.5580



121.4430, 9.8990, 24.3550



113.6970, 13.2540, -19.9460

Square

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



121.4430, 9.8990, 24.3550



118.0360, 43.8770, 3.2770



109.7030, -13.2460, -24.2700



94.0770, -87.1560, -17.3960

Rectangle

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



121.4430, 9.8990, 24.3550



119.6790, 41.1690, 19.3210



109.7030, -13.2460, -24.2700



92.7770, -77.9840, -29.4400

Sweetspot

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



121.4430, 9.8990, 24.3550



184.2490, 4.0330, 9.5130



112.6950, -17.6540, 11.5780



92.2440, 2.4290, 5.5410



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



121.4430, 9.8990, 24.3550



148.6970, 15.5360, 37.8400



121.1850, 19.2530, 20.0290



72.0050, 1.6040, 3.9720



52.7370, 28.3680, 69.6160



4.7710, 2.3830, 6.3750

Inverse Universe

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



118.3350, 27.2780, 12.2540



143.7500, 42.4070, 18.9110



133.8150, -19.2530, -20.0290



71.5060, 4.4470, 2.0070



43.7980, 77.9830, 34.9670



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 121.4430, 9.8990, 24.3550 looks on a white background.

Color Contrast Check

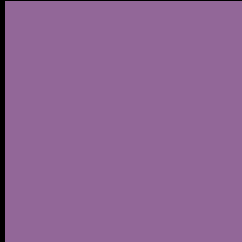
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4430, 9.8990, 24.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

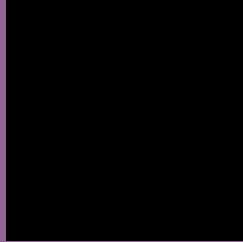
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.4430, 9.8990, 24.3550

Background



This preview shows how black text looks on a background with the YIQ color 121.4430, 9.8990, 24.3550.



This preview shows how white text looks on a background with the YIQ color 121.4430, 9.8990,

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

121.4430, 9.8990, 24.3550

Protanopia

118.5420, -21.5970, 11.4510

Deuteranopia

118.9790, -12.7020, 9.9380



Tritanopia

120.1810, 15.9080, 9.0600

Trichromacy



Original Color

121.4430, 9.8990, 24.3550

Protanomaly

119.6360, -9.9980, 16.0020

Deuteranomaly

119.7460, -4.4960, 15.4080

Tritanomaly

120.3860, 14.0730, 14.7850

Monochromacy



Original Color

121.4430, 9.8990, 24.3550

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8360, 3.7580, 8.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4430, 9.8990, 24.3550 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, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(146, 103, 152)  
}
```

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, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 103, 152) }
```

Border

The CSS property to change the border of an element to YIQ 121.4430, 9.8990, 24.3550 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, 103, 152) }
```


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

```
.border{ border-color:rgb(146, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(146, 103,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4430, 9.8990, 24.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 103, 152) }
```

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

```
.background{ background-color: rgb(146,  
103, 152) }
```

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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