

Converting Colors

YIQ(121.8990, 8.6150, 25.5990)

Have a look what the booklet for
YIQ(121.8990, 8.6150, 25.5990)
contains.

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Color

**YIQ(121.8990, 8.6150,
25.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	92679C
RGB	146, 103, 156
RGB Percent	57%, 40%, 61%
CMY	0.4273, 0.5961, 0.3882
CMYK	0.06, 0.34, 0.00, 0.39
HSL	289°, 21%, 51%
HSV	289°, 34%, 61%
XYZ	22.7093, 18.2113, 33.7699
YIQ	121.8990, 8.6150, 25.5990

Conversions

Conversions Part 2

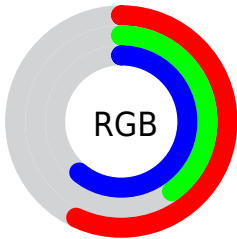
Format	Color
R_{YB}	146, 103, 156
Decimal	9594780
CIE _{Lab}	49.75, 26.85, -22.02
CIE _{LCh}	50, 34.720, 320.649
Yxy	18.2113, 0.3040, 0.2438
Android (android.graphics.Color)	4287784860 (0xFF92679C)
YUV	121.8990, 16.8118, 21.1366
Hunter-Lab	42.6747, 20.3076, -17.0459

Details

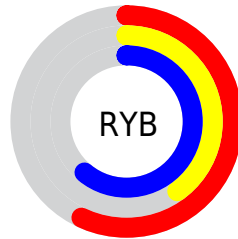
The YIQ color **121.8990, 8.6150, 25.5990** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.1010, -8.6150, -25.5990**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.1380, 9.4400, 27.1680**, and **72.3610, 7.1940, 23.8180** is the 20% darker color. If you saturate the color by 10%, you get **111.6100, 11.2270, 33.3310**, and if you desaturate by 10%, it is **132.1880, 6.0030, 17.8670**.

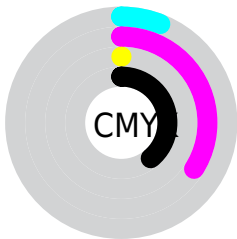
Distribution



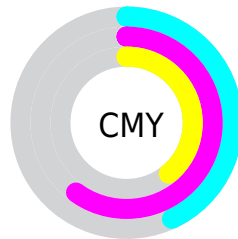
- Red (57%)
- Green (40%)
- Blue (61%)



- Red (57%)
- Yellow (40%)
- Blue (61%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8990, 8.6150, 25.5990 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 121.8990, 8.6150, 25.5990 by changing the saturation by 10% instead.

121.8990, 8.6150,
25.5990

121.8990, 8.6150,
25.5990

255.0000, -0.0000,
-0.0000

96.4860, 8.3400,
25.0760

175.1380, 9.4400,
27.1680

72.3610, 7.1940,
23.8180

202.5510, 9.7150,
27.6910

48.8340, 7.2400,
22.9840

227.9980, 12.6500,
24.0580

25.5350, 6.6440,
22.7720

245.0210, 4.6750,
8.8910

12.7750, 5.7280,
17.3440

1.2540, -3.5310,
3.4210

0.0000, 0.0000,

0.0000

121.8990, 8.6150,
25.5990

121.8990, 8.6150,
25.5990

111.6100, 11.2270,
33.3310

132.1880, 6.0030,
17.8670

101.9080, 13.5640,
40.5400

141.8900, 3.6660,
10.6580

91.6190, 16.1760,
48.2720

152.1790, 1.0540,
2.9260

81.9170, 18.5130,
55.4810

161.8810, -1.2830,
-4.2830

71.6280, 21.1250,
63.2130

172.1700, -3.8950,
-12.0150

61.3390, 23.7370,
70.9450

182.4590, -6.5070,
-19.7470

■ 55.7570, 25.6160,
75.4400

■ 192.1610, -8.8440,
-26.9560

■ 202.1510,
-12.0520, -34.9000

■ 211.8530,
-14.3890, -42.1090

Harmonies

Analogous

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



118.6330, -23.1110, 16.8650



121.8990, 8.6150, 25.5990



121.0020, 33.1900, 26.2620

Triad

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



121.8990, 8.6150, 25.5990



116.4120, 36.4060, -10.0100



93.8030, -80.8730, -26.6410

Complementary

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



121.8990, 8.6150, 25.5990



137.1010, -8.6150, -25.5990

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.



100.5490, -50.9790, -28.7630



121.8990, 8.6150, 25.5990



113.8390, 15.7300, -20.7660

Square

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



121.8990, 8.6150, 25.5990



118.2320, 46.2610, 4.1250



109.9480, -12.5580, -25.7260



95.4790, -88.3480, -17.8200

Rectangle

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



121.8990, 8.6150, 25.5990



119.6300, 42.8650, 21.6250



109.9480, -12.5580, -25.7260



93.2500, -77.9380, -30.2740

Sweetspot

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



121.8990, 8.6150, 25.5990



191.0640, 3.1160, 9.6120



115.4990, -20.0380, 10.7300



94.3580, 2.1080, 5.8520



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.



121.8990, 8.6150, 25.5990



149.9080, 13.5640, 40.5400



123.0650, 19.7110, 22.7430



74.0050, 1.6040, 3.9720



50.9860, 23.2330, 69.0650



5.2980, 2.3370, 7.2090

Inverse Universe

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



119.9870, 28.3780, 14.3460



146.9400, 44.9280, 22.7840



135.9350, -19.7110, -22.7430



73.6200, 4.1260, 2.3180



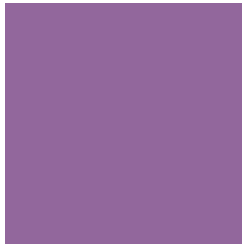
45.8350, 76.5610, 38.7130



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 121.8990, 8.6150, 25.5990 looks on a white background.

Color Contrast Check

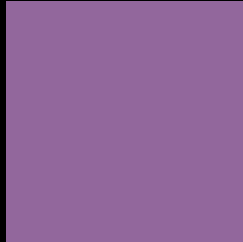
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8990, 8.6150, 25.5990 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 121.8990, 8.6150, 25.5990

Background



This preview shows how black text looks on a background with the YIQ color 121.8990, 8.6150, 25.5990.



This preview shows how white text looks on a background with the YIQ color 121.8990, 8.6150,

25.5990.

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

121.8990, 8.6150, 25.5990

Protanopia

118.5140, -24.3940, 12.5820

Deuteranopia

119.6090, -14.5360, 10.1360



Tritanopia

120.2950, 15.5870, 9.3710

Trichromacy



Original Color

121.8990, 8.6150, 25.5990

Protanomaly

119.9070, -12.1990, 17.3450

Deuteranomaly

120.3760, -6.3300, 15.6060

Tritanomaly

120.6140, 13.4310, 15.4070

Monochromacy



Original Color

121.8990, 8.6150, 25.5990

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8990, 8.6150, 25.5990 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(146, 103, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 103, 156) }
```

Border

The CSS property to change the border of an element to YIQ 121.8990, 8.6150, 25.5990 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, 156) }
```


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

```
.border{ border-color:rgb(146, 103, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 103, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 103, 156);  
box-shadow:4px 4px 4px 4px rgb(146, 103,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8990, 8.6150, 25.5990 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, 156) }
```

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

```
.background{ background-color: rgb(146,  
103, 156) }
```

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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