

Converting Colors

YIQ(121.8850, 20.3980, 26.8140)

Have a look what the booklet for
YIQ(121.8850, 20.3980, 26.8140)
contains.

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Color

**YIQ(121.8850, 20.3980,
26.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6391
RGB	158, 99, 145
RGB Percent	62%, 39%, 57%
CMY	0.3802, 0.6118, 0.4313
CMYK	0.00, 0.37, 0.08, 0.38
HSL	313°, 23%, 50%
HSV	313°, 37%, 62%
XYZ	23.6803, 18.2372, 29.0648
YIQ	121.8850, 20.3980, 26.8140

Conversions

Conversions Part 2

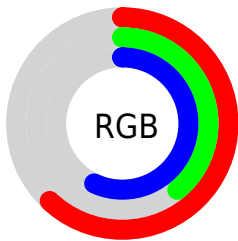
Format	Color
R_{YB}	158, 99, 145
Decimal	10380177
CIE _{Lab}	49.78, 31.07, -15.36
CIE _{LCh}	50, 34.662, 333.701
Yxy	18.2372, 0.3336, 0.2569
Android (android.graphics.Color)	4288570257 (0xFF9E6391)
YUV	121.8850, 11.3957, 31.6729
Hunter-Lab	42.7050, 24.2459, -10.4589

Details

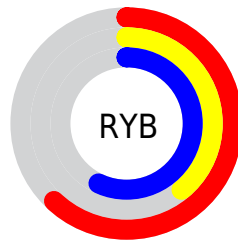
The YIQ color **121.8850, 20.3980, 26.8140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.1150, -20.3980, -26.8140**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.3090, 22.1400, 28.2840**, and **71.4610, 18.6560, 25.3440** is the 20% darker color. If you saturate the color by 10%, you get **112.1510, 25.7610, 34.2490**, and if you desaturate by 10%, it is **131.6190, 15.0350, 19.3790**.

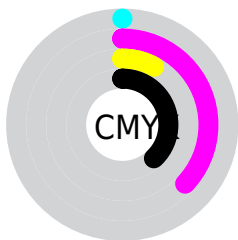
Distribution



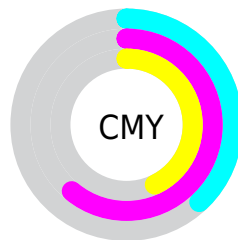
- Red (62%)
- Green (39%)
- Blue (57%)



- Red (62%)
- Yellow (39%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8850, 20.3980, 26.8140 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 121.8850, 20.3980, 26.8140 by changing the saturation by 10% instead.

■ 121.8850, 20.3980,
26.8140

■ 121.8850, 20.3980,
26.8140

■ 255.0000, -0.0000,
-0.0000

■ 96.1730, 19.5270,
26.0790

■ 175.3090, 22.1400,
28.2840

■ 71.4610, 18.6560,
25.3440

■ 202.7220, 22.4150,
28.8070

■ 47.8630, 17.4640,
24.9200

■ 226.2370, 13.4750,
25.6270

■ 23.3900, 17.4180,
25.7540

■ 242.6730, 5.7750,
10.9830

■ 14.2550, 13.0640,
16.5520

■ 0.0000, 0.0000,
0.0000

121.8850, 20.3980,
26.8140

121.8850, 20.3980,
26.8140

112.1510, 25.7610,
34.2490

131.6190, 15.0350,
19.3790

102.3030, 31.4450,
41.3730

141.4670, 9.3510,
12.2550

93.1560, 36.5330,
48.2850

150.6140, 4.2630,
5.3430

83.3080, 42.2170,
55.4090

160.4620, -1.4210,
-1.7810

73.5740, 47.5800,
62.8440

170.1960, -6.7840,
-9.2160

63.7260, 53.2640,
69.9680


180.0440,
-12.4680, -16.3400

61.2640, 54.6850,
71.7490

189.7780,
-17.8310, -23.7750

199.0390,

-23.2400, -30.3760

 208.7730,
-28.6030, -37.8110

Harmonies

Analogous

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



120.6950, -8.4860, 21.6420



121.8850, 20.3980, 26.8140



120.1290, 40.0220, 23.5900

Triad

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



121.8850, 20.3980, 26.8140



115.6450, 28.2000, -15.4800



95.1710, -84.7250, -22.9090

Complementary

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



121.8850, 20.3980, 26.8140



135.1150, -20.3980, -26.8140

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.



92.4520, -75.6910, -32.4510



121.8850, 20.3980, 26.8140



112.2120, 4.3140, -23.1260

Square

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



121.8850, 20.3980, 26.8140



118.1620, 43.2820, -2.4620



107.2930, -26.7710, -26.9550



94.6300, -90.0910, -13.7630

Rectangle

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



121.8850, 20.3980, 26.8140



119.3220, 46.4880, 16.5360



107.2930, -26.7710, -26.9550



94.1450, -81.8360, -25.7080

Sweetspot

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



121.8850, 20.3980, 26.8140



192.9290, 7.9300, 10.4740



109.6130, -11.1910, 21.1050



96.4400, 4.8130, 6.3890



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.8850, 20.3980, 26.8140



150.0150, 32.3160, 42.1080



118.5790, 29.7070, 17.7950



74.0760, 2.8420, 3.5620



55.4110, 49.5970, 64.8370



5.8530, 5.0880, 6.9120

Inverse Universe

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



121.8850, 20.3980, 26.8140



150.0150, 32.3160, 42.1080



138.4210, -29.7070, -17.7950



74.0760, 2.8420, 3.5620



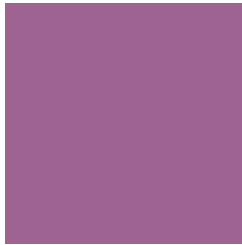
55.4110, 49.5970, 64.8370



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 121.8850, 20.3980, 26.8140 looks on a white background.

Color Contrast Check

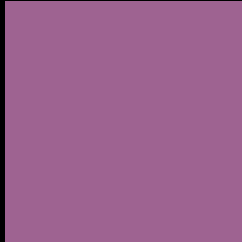
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8850, 20.3980, 26.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

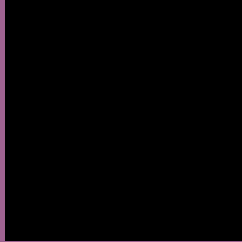
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8850, 20.3980, 26.8140

Background



This preview shows how black text looks on a background with the YIQ color 121.8850, 20.3980, 26.8140.



This preview shows how white text looks on a background with the YIQ color 121.8850, 20.3980,

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

121.8850, 20.3980, 26.8140

Protanopia

118.6840, -19.1210, 10.6310

Deuteranopia

119.8610, -6.5580, 8.7220



Tritanopia

120.5630, 26.6360, 12.8760

Trichromacy



Original Color

121.8850, 20.3980, 26.8140

Protanomaly

119.6860, -4.2670, 16.7650

Deuteranomaly

120.6390, 3.1150, 15.1390

Tritanomaly

121.0560, 23.9300, 17.8660

Monochromacy



Original Color

121.8850, 20.3980, 26.8140

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.1030, 7.3800, 9.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8850, 20.3980, 26.8140 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(158, 99, 145)` looks like.

```
.text, #text, p{  
    color:rgb(158, 99, 145)  
}
```

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(158, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 99, 145) }
```

Border

The CSS property to change the border of an element to YIQ 121.8850, 20.3980, 26.8140 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(158, 99, 145) }
```


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

```
.border{ border-color:rgb(158, 99, 145) }
```

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

Here you see how a box with a 4 pixel rgb(158, 99, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(158, 99,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8850, 20.3980, 26.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 99, 145) }
```

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

```
.background{ background-color: rgb(158, 99,  
145) }
```

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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