

Converting Colors

YIQ(123.0110, 19.8030, 21.0750)

Have a look what the booklet for
YIQ(123.0110, 19.8030, 21.0750)
contains.

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Color

**YIQ(123.0110, 19.8030,
21.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6889
RGB	155, 104, 137
RGB Percent	61%, 41%, 54%
CMY	0.3920, 0.5922, 0.4627
CMYK	0.00, 0.33, 0.12, 0.39
HSL	321°, 20%, 51%
HSV	321°, 33%, 61%
XYZ	22.9890, 18.6750, 26.0650
YIQ	123.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

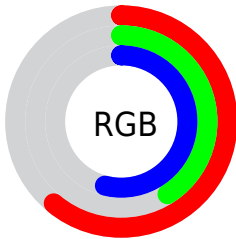
Format	Color
R_{YB}	155, 104, 137
Decimal	10184841
CIE Lab	50.30, 25.73, -9.86
CIE LCh	50, 27.558, 339.025
Yxy	18.6750, 0.3394, 0.2757
Android (android.graphics.Color)	4288374921 (0xFF9B6889)
YUV	123.0110, 6.8966, 28.0544
Hunter-Lab	43.2146, 19.3317, -5.5107

Details

The YIQ color **123.0110, 19.8030, 21.0750** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.9890, -19.8030, -21.0750**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0220, 21.2700, 22.0220**, and **73.5870, 18.0610, 19.6050** is the 20% darker color. If you saturate the color by 10%, you get **113.0490, 25.8080, 27.8880**, and if you desaturate by 10%, it is **132.3860, 14.0730, 14.7850**.

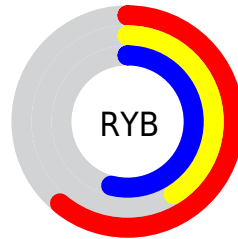
Distribution



Red (61%)

Green (41%)

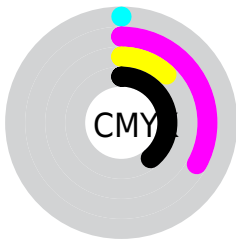
Blue (54%)



Red (61%)

Yellow (41%)

Blue (54%)

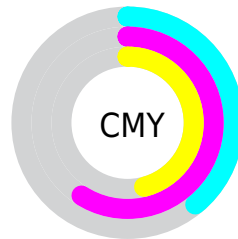


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (39%)



Cyan (39%)


Magenta (59%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.0110, 19.8030, 21.0750 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 123.0110, 19.8030, 21.0750 by changing the saturation by 10% instead.

 123.0110, 19.8030,
21.0750


 123.0110, 19.8030,
21.0750


255.0000, -0.0000,
-0.0000


 97.7120, 19.2070,
20.8630


 176.0220, 21.2700,
22.0220


 73.5870, 18.0610,
19.6050


 203.7340, 22.1410,
22.7570


 49.9890, 16.8690,
19.1810

 228.2600, 14.6680,
20.5240

 26.8040, 15.9520,
19.2800

 245.6080, 4.4000,
8.3680

 13.2720, 14.3940,
14.4740

 0.0000, 0.0000,
0.0000

123.0110, 19.8030,
21.0750

123.0110, 19.8030,
21.0750

113.0490, 25.8080,
27.8880

132.3860, 14.0730,
14.7850

103.5600, 31.8590,
33.8670

142.4620, 7.7470,
8.2830

93.5980, 37.8640,
40.6800

151.8370, 2.0170,
1.9930

84.1090, 43.9150,
46.6590

161.9130, -4.3090,
-4.5090

74.1470, 49.9200,
53.4720

171.8750,
-10.3140, -11.3220

64.6580, 55.9710,
59.4510


181.3640,
-16.3650, -17.3010

57.7450, 60.2800,
63.9600

191.3260,
-22.3700, -24.1140

200.8150,

-28.4210, -30.0930

 210.7770,
-34.4260, -36.9060

Harmonies

Analogous

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



122.4090, -1.9290, 18.4470



123.0110, 19.8030, 21.0750



122.0910, 34.0170, 16.7770

Triad

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



123.0110, 19.8030, 21.0750



117.6210, 19.5800, -13.4440



103.0380, -65.0570, -15.9130

Complementary

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



123.0110, 19.8030, 21.0750



135.9890, -19.8030, -21.0750

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.



105.0040, -50.5220, -20.5220



123.0110, 19.8030, 21.0750



114.8080, -0.1800, -18.7720

Square

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



123.0110, 19.8030, 21.0750



119.5460, 33.3330, -3.8750



110.6510, -24.6630, -21.1030



110.7720, -52.0840, -3.2200

Rectangle

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



123.0110, 19.8030, 21.0750



120.9680, 38.5570, 11.5890



110.6510, -24.6630, -21.1030



102.6420, -64.0020, -18.5140

Sweetspot

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



123.0110, 19.8030, 21.0750



188.4620, 7.7470, 8.2830



115.1960, -5.6430, 19.6770



94.5000, 4.5840, 5.0320



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.



123.0110, 19.8030, 21.0750



150.8480, 30.9880, 33.1320



120.1610, 27.8280, 13.3000



71.9620, 3.1630, 3.2510



52.2340, 54.2290, 57.9810



4.7990, 5.1800, 5.2440

Inverse Universe

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



123.0110, 19.8030, 21.0750



150.8480, 30.9880, 33.1320



138.8390, -27.8280, -13.3000



71.9620, 3.1630, 3.2510



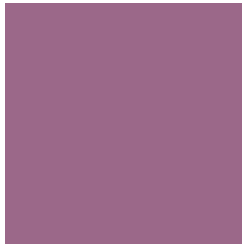
52.2340, 54.2290, 57.9810



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 123.0110, 19.8030, 21.0750 looks on a white background.

Color Contrast Check

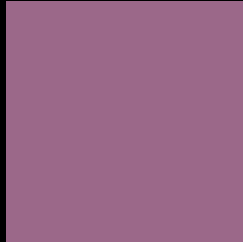
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0110, 19.8030, 21.0750 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 123.0110, 19.8030, 21.0750

Background



This preview shows how black text looks on a background with the YIQ color 123.0110, 19.8030, 21.0750.



This preview shows how white text looks on a background with the YIQ color 123.0110, 19.8030,

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

123.0110, 19.8030, 21.0750

Protanopia

120.6970, -11.9680, 7.6480

Deuteranopia

121.4440, -1.0100, 7.2940



Tritanopia

122.3670, 24.2520, 12.0280

Trichromacy



Original Color

123.0110, 19.8030, 21.0750

Protanomaly

121.7910, -0.3690, 12.1990

Deuteranomaly

121.9120, 6.6000, 12.5520

Tritanomaly

122.9910, 22.5550, 15.2510

Monochromacy



Original Color

123.0110, 19.8030, 21.0750

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0110, 19.8030, 21.0750 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(155, 104, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 104, 137)  
}
```

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(155, 104, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 104, 137) }
```

Border

The CSS property to change the border of an element to YIQ 123.0110, 19.8030, 21.0750 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(155, 104, 137) }
```


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

```
.border{ border-color:rgb(155, 104, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 104, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 104, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 104, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 104,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0110, 19.8030, 21.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 104, 137) }
```

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

```
.background{ background-color: rgb(155,  
104, 137) }
```

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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