

Converting Colors

YIQ(125.2130, 22.0500, 18.8980)

Have a look what the booklet for
YIQ(125.2130, 22.0500, 18.8980)
contains.

YIQ(125.2130, 22.0500, 18.8980)	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(125.2130, 22.0500,
18.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6B85
RGB	158, 107, 133
RGB Percent	62%, 42%, 52%
CMY	0.3803, 0.5805, 0.4784
CMYK	0.00, 0.32, 0.16, 0.38
HSL	329°, 21%, 52%
HSV	329°, 32%, 62%
XYZ	23.5977, 19.4775, 24.7123
YIQ	125.2130, 22.0500, 18.8980

Conversions

Conversions Part 2

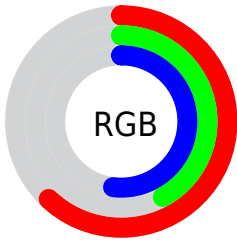
Format	Color
R_{YB}	158, 107, 133
Decimal	10382213
CIE _{Lab}	51.24, 24.42, -6.06
CIE _{LCh}	51, 25.162, 346.056
Yxy	19.4775, 0.3481, 0.2873
Android (android.graphics.Color)	4288572293 (0xFF9E6B85)
YUV	125.2130, 3.8390, 28.7542
Hunter-Lab	44.1333, 18.2092, -2.3059

Details

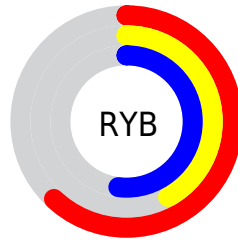
The YIQ color **125.2130, 22.0500, 18.8980** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.7870, -22.0500, -18.8980**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2240, 23.5170, 19.8450**, and **75.9030, 19.9870, 17.7390** is the 20% darker color. If you saturate the color by 10%, you get **114.9090, 29.0180, 24.7780**, and if you desaturate by 10%, it is **135.5170, 15.0820, 13.0180**.

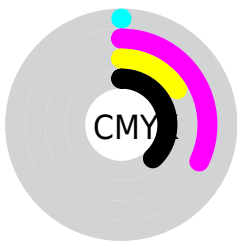
Distribution



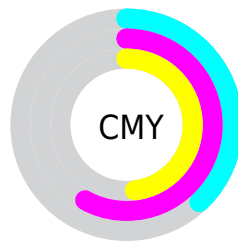
- Red (62%)
- Green (42%)
- Blue (52%)



- Red (62%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (16%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.2130, 22.0500, 18.8980 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 125.2130, 22.0500, 18.8980 by changing the saturation by 10% instead.


 125.2130, 22.0500,
18.8980


 125.2130, 22.0500,
18.8980


255.0000, -0.0000,
-0.0000


 99.6150, 20.8580,
18.4740


 178.2240, 23.5170,
19.8450


 75.9030, 19.9870,
17.7390


 205.9360, 24.3880,
20.5800

 52.1910, 19.1160,
17.0040

 229.4510, 15.4480,
17.4000

 29.1200, 17.8780,
17.4140

 247.9560, 3.3000,
6.2760

 13.1150, 16.2740,
13.4420

 0.0000, 0.0000,
0.0000

125.2130, 22.0500,
18.8980

125.2130, 22.0500,
18.8980

114.9090, 29.0180,
24.7780

135.5170, 15.0820,
13.0180

104.7190, 35.6650,
30.9690

145.8210, 8.1140,
7.1380

95.0020, 42.3580,
36.3260

155.4240, 1.7420,
1.4700

84.6980, 49.3260,
42.2060

165.7280, -5.2260,
-4.4100

74.3940, 56.2940,
48.0860

176.0320,
-12.1940, -10.2900

64.2040, 62.9410,
54.2770


186.2220,
-18.8410, -16.4810

56.4760, 68.1670,
58.6870

196.5260,
-25.8090, -22.3610

206.2430,

-32.5020, -27.7180

 216.5470,
-39.4700, -33.5980

Harmonies

Analogous

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



125.2200, 2.9770, 17.6410



125.2130, 22.0500, 18.8980



124.2110, 33.5590, 14.0630

Triad

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



125.2130, 22.0500, 18.8980



119.2830, 14.7200, -13.4720



110.6590, -53.5040, -10.5280

Complementary

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



125.2130, 22.0500, 18.8980



139.7870, -22.0500, -18.8980

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.



109.9660, -47.3590, -17.2710



125.2130, 22.0500, 18.8980



116.9970, -5.0860, -17.9660

Square

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



125.2130, 22.0500, 18.8980



121.5670, 28.8400, -5.0480



113.1500, -27.5060, -19.1380



116.4530, -40.7600, 0.8080

Rectangle

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



125.2130, 22.0500, 18.8980



123.3050, 35.9900, 8.5500



113.1500, -27.5060, -19.1380



109.4800, -54.5580, -13.4540

Sweetspot

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



125.2130, 22.0500, 18.8980



193.4190, 9.3060, 7.5620



120.2890, -1.4710, 21.1610



96.5710, 5.8220, 4.6220



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.



125.2130, 22.0500, 18.8980



154.8930, 35.1150, 29.9230



122.3630, 30.0750, 11.1230



73.8480, 3.4840, 2.9400



51.0790, 61.7950, 53.0190



5.3970, 6.3720, 5.6680

Inverse Universe

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



125.2130, 22.0500, 18.8980



154.8930, 35.1150, 29.9230



142.6370, -30.0750, -11.1230



73.8480, 3.4840, 2.9400



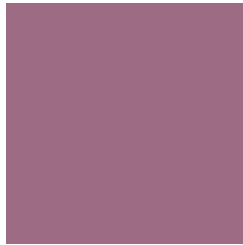
51.0790, 61.7950, 53.0190



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 125.2130, 22.0500, 18.8980 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 125.2130, 22.0500, 18.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

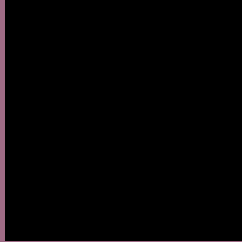
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.2130, 22.0500, 18.8980

Background



This preview shows how black text looks on a background with the YIQ color 125.2130, 22.0500, 18.8980.



This preview shows how white text looks on a background with the YIQ color 125.2130, 22.0500,

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

125.2130, 22.0500, 18.8980

Protanopia

122.7960, -7.9330, 6.1070

Deuteranopia

123.6570, 2.7040, 6.0640



Tritanopia

124.6660, 24.8480, 12.2400

Trichromacy



Original Color

125.2130, 22.0500, 18.8980

Protanomaly

123.7050, 2.7490, 10.7570

Deuteranomaly

124.4130, 9.4430, 10.5870

Tritanomaly

124.9480, 24.1140, 14.5300

Monochromacy



Original Color

125.2130, 22.0500, 18.8980

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.2130, 22.0500, 18.8980 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, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(158, 107, 133)  
}
```

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, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 107, 133) }
```

Border

The CSS property to change the border of an element to YIQ 125.2130, 22.0500, 18.8980 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, 107, 133) }
```


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

```
.border{ border-color:rgb(158, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(158, 107,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 125.2130, 22.0500, 18.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 107, 133) }
```

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

```
.background{ background-color: rgb(158,  
107, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor