

Converting Colors

YIQ(129.8650, 23.1500, 20.9900)

Have a look what the booklet for
YIQ(129.8650, 23.1500, 20.9900)
contains.

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Color

**YIQ(129.8650, 23.1500,
20.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	A56E8C
RGB	165, 110, 140
RGB Percent	65%, 43%, 55%
CMY	0.3528, 0.5687, 0.4509
CMYK	0.00, 0.33, 0.15, 0.35
HSL	327°, 23%, 54%
HSV	327°, 33%, 65%
XYZ	25.8333, 21.0443, 27.5181
YIQ	129.8650, 23.1500, 20.9900

Conversions

Conversions Part 2

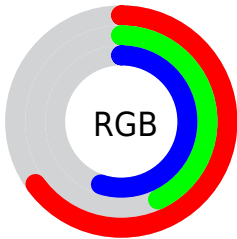
Format	Color
R_{YB}	165, 110, 140
Decimal	10841740
CIE Lab	53.00, 26.48, -7.49
CIE LCh	53, 27.513, 344.209
Yxy	21.0443, 0.3472, 0.2829
Android (android.graphics.Color)	4289031820 (0xFFA56E8C)
YUV	129.8650, 4.9966, 30.8134
Hunter-Lab	45.8740, 20.2403, -3.4540

Details

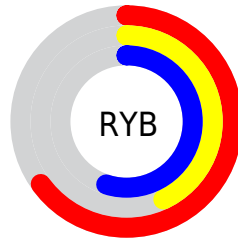
The YIQ color **129.8650, 23.1500, 20.9900** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.1350, -23.1500, -20.9900**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.2890, 24.8920, 22.4600**, and **79.5550, 21.0870, 19.8310** is the 20% darker color. If you saturate the color by 10%, you get **119.0880, 30.0720, 27.7040**, and if you desaturate by 10%, it is **140.1690, 16.1820, 15.1100**.

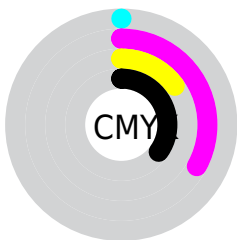
Distribution



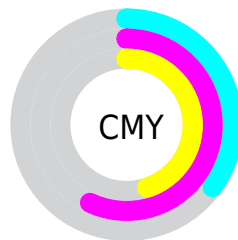
- Red (65%)
- Green (43%)
- Blue (55%)



- Red (65%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (35%)




- Cyan (35%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.8650, 23.1500, 20.9900 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 129.8650, 23.1500, 20.9900 by changing the saturation by 10% instead.


 129.8650, 23.1500,
20.9900


 129.8650, 23.1500,
20.9900


255.0000, -0.0000,
-0.0000


 104.2670, 21.9580,
20.5660


 183.2890, 24.8920,
22.4600


 79.5550, 21.0870,
19.8310


 211.4740, 25.8090,
22.3610

 55.9570, 19.8950,
19.4070

 232.7110, 11.7800,
17.7960

 32.3590, 18.7030,
18.9830

 249.7170, 2.4750,
4.7070

 14.9950, 16.7320,
16.1560

 0.0000, 0.0000,
0.0000

■ 129.8650, 23.1500,
20.9900

■ 129.8650, 23.1500,
20.9900

■ 119.0880, 30.0720,
27.7040

■ 140.1690, 16.1820,
15.1100

■ 108.7840, 37.0400,
33.5840

■ 150.9460, 9.2600,
8.3960

■ 98.0070, 43.9620,
40.2980

■ 161.2500, 2.2920,
2.5160

■ 87.7030, 50.9300,
46.1780

■ 172.0270, -4.6300,
-4.1980

■ 76.9260, 57.8520,
52.8920

■ 182.9180,
-11.8730, -10.6010

■ 66.6220, 64.8200,
58.7720


■ 193.1080,
-18.5200, -16.7920

■ 59.5950, 69.4500,
62.9700

■ 203.9990,
-25.7630, -23.1950

■ 214.1890,

-32.4100, -29.3860

 222.7320,
-38.5530, -33.6970

Harmonies

Analogous

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



129.5020, 2.2430, 19.9310



129.8650, 23.1500, 20.9900



128.9340, 35.8970, 15.7450

Triad

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



129.8650, 23.1500, 20.9900



124.0120, 16.9210, -14.8150



111.7010, -62.4900, -12.8740

Complementary

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



129.8650, 23.1500, 20.9900



145.1350, -23.1500, -20.9900

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.



111.8620, -52.9980, -19.7020



129.8650, 23.1500, 20.9900



121.1280, -4.0770, -19.7330

Square

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



129.8650, 23.1500, 20.9900



126.3070, 32.5080, -5.4440



116.6120, -28.9270, -20.9190



119.2180, -47.4080, 0.1440

Rectangle

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



129.8650, 23.1500, 20.9900



128.0990, 39.5660, 9.8220



116.6120, -28.9270, -20.9190



110.5930, -62.3060, -16.2100

Sweetspot

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



129.8650, 23.1500, 20.9900



200.5330, 8.9850, 7.8730



123.7450, -2.7550, 22.4050



98.6850, 5.5010, 4.9330



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



129.8650, 23.1500, 20.9900



159.6590, 35.8940, 32.3260



126.7870, 31.8170, 12.5930



76.2610, 3.7590, 3.4630



52.3610, 61.0610, 55.3090



6.5220, 7.5180, 6.9260

Inverse Universe

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



129.8650, 23.1500, 20.9900



159.6590, 35.8940, 32.3260



148.2130, -31.8170, -12.5930



76.2610, 3.7590, 3.4630



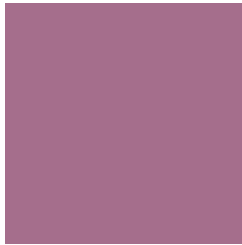
52.3610, 61.0610, 55.3090



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 129.8650, 23.1500, 20.9900 looks on a white background.

Color Contrast Check

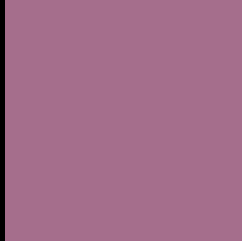
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8650, 23.1500, 20.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

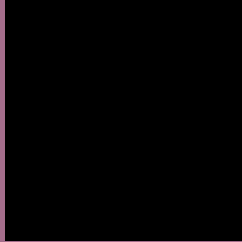
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.8650, 23.1500, 20.9900

Background



This preview shows how black text looks on a background with the YIQ color 129.8650, 23.1500, 20.9900.



This preview shows how white text looks on a background with the YIQ color 129.8650, 23.1500,

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

129.8650, 23.1500, 20.9900

Protanopia

127.5400, -10.0880, 6.6160

Deuteranopia

127.9990, 1.7410, 6.9970



Tritanopia

128.9760, 26.9110, 13.3990

Trichromacy



Original Color

129.8650, 23.1500, 20.9900

Protanomaly

128.3460, 2.3820, 11.9020

Deuteranomaly

128.4670, 9.3510, 12.2550

Tritanomaly

129.4860, 25.5350, 16.3110

Monochromacy



Original Color

129.8650, 23.1500, 20.9900

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2340, 8.3890, 7.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8650, 23.1500, 20.9900 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(165, 110, 140)` looks like.

```
.text, #text, p{  
    color:rgb(165, 110, 140)  
}
```

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(165, 110, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 110, 140) }
```

Border

The CSS property to change the border of an element to YIQ 129.8650, 23.1500, 20.9900 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(165, 110, 140) }
```


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

```
.border{ border-color:rgb(165, 110, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 110, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 110, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 110, 140);  
box-shadow:4px 4px 4px 4px rgb(165, 110,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8650, 23.1500, 20.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 110, 140) }
```

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

```
.background{ background-color: rgb(165,  
110, 140) }
```

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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