

Converting Colors

YIQ(129.8310, 11.3220, 15.0820)

Have a look what the booklet for
YIQ(129.8310, 11.3220, 15.0820)
contains.

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Color

**YIQ(129.8310, 11.3220,
15.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	96758F
RGB	150, 117, 143
RGB Percent	59%, 46%, 56%
CMY	0.4117, 0.5412, 0.4392
CMYK	0.00, 0.22, 0.05, 0.41
HSL	313°, 14%, 52%
HSV	313°, 22%, 59%
XYZ	23.9002, 21.1890, 28.8193
YIQ	129.8310, 11.3220, 15.0820

Conversions

Conversions Part 2

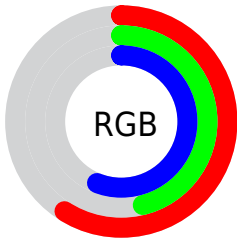
Format	Color
R_{YB}	150, 117, 143
Decimal	9860495
CIE _{Lab}	53.16, 17.51, -9.18
CIE _{LCh}	53, 19.766, 332.334
Yxy	21.1890, 0.3234, 0.2867
Android (android.graphics.Color)	4288050575 (0xFF96758F)
YUV	129.8310, 6.4923, 17.6882
Hunter-Lab	46.0316, 12.1244, -4.8980

Details

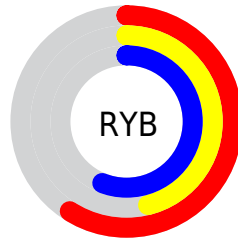
The YIQ color **129.8310, 11.3220, 15.0820** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.1690, -11.3220, -15.0820**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.6570, 11.8720, 16.1280**, and **80.1190, 10.4510, 14.3470** is the 20% darker color. If you saturate the color by 10%, you get **120.6840, 16.4100, 21.9940**, and if you desaturate by 10%, it is **138.9780, 6.2340, 8.1700**.

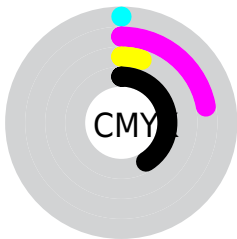
Distribution



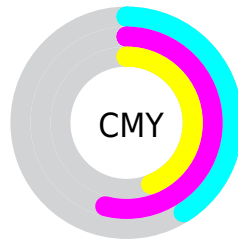
- Red (59%)
- Green (46%)
- Blue (56%)



- Red (59%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (41%)



- Cyan (41%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.8310, 11.3220, 15.0820 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 129.8310, 11.3220, 15.0820 by changing the saturation by 10% instead.

■ 129.8310, 11.3220,
15.0820

■ 129.8310, 11.3220,
15.0820

■ 255.0000, -0.0000,
-0.0000

■ 104.4180, 11.0470,
14.5590

■ 182.6570, 11.8720,
16.1280

■ 80.1190, 10.4510,
14.3470

■ 210.9560, 12.4680,
16.3400

■ 57.2930, 9.9010,
13.3010

■ 237.1620, 8.8920,
15.0680

■ 34.6950, 8.7090,
12.8770

■ 253.8260, 0.5500,
1.0460

■ 12.5320, 10.7260,
14.8700

■ 0.0000, 0.0000,
0.0000

■ 129.8310, 11.3220,
15.0820

■ 129.8310, 11.3220,
15.0820

■ 120.6840, 16.4100,
21.9940

■ 138.9780, 6.2340,
8.1700

■ 111.5370, 21.4980,
28.9060

■ 148.1250, 1.1460,
1.2580

■ 102.2760, 26.9070,
35.5070

■ 157.3860, -4.2630,
-5.3430

■ 93.1290, 31.9950,
42.4190

■ 166.5330, -9.3510,
-12.2550

■ 83.9820, 37.0830,
49.3310

■ 175.6800,
-14.4390, -19.1670

■ 74.8350, 42.1710,
56.2430

■ 184.8270,
-19.5270, -26.0790

■ 65.6880, 47.2590,
63.1550


■ 193.9740,
-24.6150, -32.9910

■ 58.3020, 51.5220,

■ 203.2350,

68.4980

-30.0240, -39.5920

 212.3820,
-35.1120, -46.5040

Harmonies

Analogous

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



128.5670, -5.5500, 12.4820



129.8310, 11.3220, 15.0820



129.7090, 23.2890, 12.9610

Triad

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



129.8310, 11.3220, 15.0820



125.8260, 17.7450, -7.7190



119.2710, -37.7320, -10.0200

Complementary

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



129.8310, 11.3220, 15.0820



137.1690, -11.3220, -15.0820

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.



120.1270, -28.6990, -14.0350



129.8310, 11.3220, 15.0820



123.9490, 4.0370, -12.5950

Square

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



129.8310, 11.3220, 15.0820



127.8320, 26.7760, -0.6800



121.7990, -13.1560, -14.8840



121.8680, -34.7990, -2.5990

Rectangle

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



129.8310, 11.3220, 15.0820



129.0530, 28.0120, 9.9640



121.7990, -13.1560, -14.8840



119.0000, -35.5310, -11.3630

Sweetspot

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



129.8310, 11.3220, 15.0820



185.4400, 4.8130, 6.3890



122.8550, -6.4210, 11.7470



92.0760, 2.8420, 3.5620



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



129.8310, 11.3220, 15.0820



162.8090, 17.5560, 23.2520



128.0070, 16.4580, 10.1060



69.6630, 2.5670, 3.0390



53.5740, 47.5800, 62.8440



3.9020, 3.3920, 4.6080

Inverse Universe

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



129.8310, 11.3220, 15.0820



162.8090, 17.5560, 23.2520



138.9930, -16.4580, -10.1060



69.6630, 2.5670, 3.0390



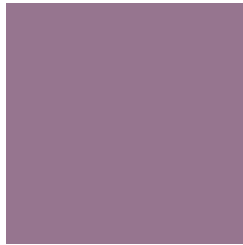
53.5740, 47.5800, 62.8440



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 129.8310, 11.3220, 15.0820 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 129.8310, 11.3220, 15.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

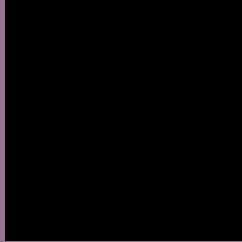
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.8310, 11.3220, 15.0820

Background



This preview shows how black text looks on a background with the YIQ color 129.8310, 11.3220, 15.0820.



This preview shows how white text looks on a background with the YIQ color 129.8310, 11.3220,

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

129.8310, 11.3220, 15.0820

Protanopia

127.7250, -9.1710, 6.5170

Deuteranopia

128.7430, -0.4140, 7.5060



Tritanopia

128.8110, 14.0740, 9.2580

Trichromacy



Original Color

129.8310, 11.3220, 15.0820

Protanomaly

128.7260, -1.7440, 9.5840

Deuteranomaly

128.7760, 3.9870, 10.3470

Tritanomaly

129.0930, 13.3400, 11.5480

Monochromacy



Original Color

129.8310, 11.3220, 15.0820

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7280, 3.9420, 5.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8310, 11.3220, 15.0820 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(150, 117, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 117, 143)  
}
```

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(150, 117, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 117, 143) }
```

Border

The CSS property to change the border of an element to YIQ 129.8310, 11.3220, 15.0820 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(150, 117, 143) }
```


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

```
.border{ border-color:rgb(150, 117, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 117, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 117, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 117, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 117,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8310, 11.3220, 15.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 117, 143) }
```

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

```
.background{ background-color: rgb(150,  
117, 143) }
```

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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