

Converting Colors

YIQ(129.5530, 15.4010, 23.7610)

Have a look what the booklet for
YIQ(129.5530, 15.4010, 23.7610)
contains.

YIQ(129.5530, 15.4010, 23.7610)	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(129.5530, 15.4010,
23.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6E99
RGB	159, 110, 153
RGB Percent	62%, 43%, 60%
CMY	0.3763, 0.5687, 0.4000
CMYK	0.00, 0.31, 0.04, 0.38
HSL	307°, 20%, 53%
HSV	307°, 31%, 62%
XYZ	25.6294, 20.8222, 32.8083
YIQ	129.5530, 15.4010, 23.7610

Conversions

Conversions Part 2

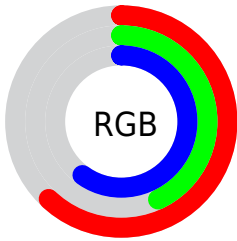
Format	Color
R _Y B	159, 110, 153
Decimal	10448537
CIE Lab	52.75, 26.67, -15.54
CIE LCh	53, 30.867, 329.771
Yxy	20.8222, 0.3234, 0.2627
Android (android.graphics.Color)	4288638617 (0xFF9F6E99)
YUV	129.5530, 11.5594, 25.8250
Hunter-Lab	45.6314, 20.4016, -10.6867

Details

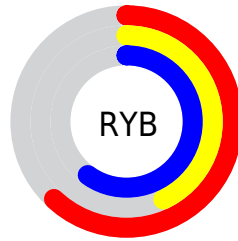
The YIQ color **129.5530, 15.4010, 23.7610** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.4470, -15.4010, -23.7610**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6780, 16.5470, 25.0190**, and **79.4280, 14.2550, 22.5030** is the 20% darker color. If you saturate the color by 10%, you get **119.9330, 20.4430, 31.5070**, and if you desaturate by 10%, it is **139.1730, 10.3590, 16.0150**.

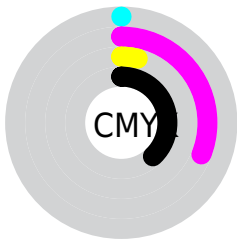
Distribution



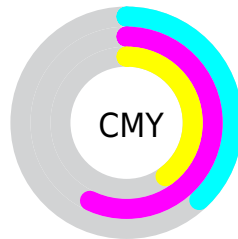
- Red (62%)
- Green (43%)
- Blue (60%)



- Red (62%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5530, 15.4010, 23.7610 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 129.5530, 15.4010, 23.7610 by changing the saturation by 10% instead.

■ 129.5530, 15.4010,
23.7610

■ 129.5530, 15.4010,
23.7610

■ 255.0000, -0.0000,
-0.0000

■ 103.8410, 14.5300,
23.0260

■ 182.6780, 16.5470,
25.0190

■ 79.4280, 14.2550,
22.5030

■ 210.5040, 17.0970,
26.0650

■ 55.7160, 13.3840,
21.7680

■ 232.6940, 10.4500,
19.8740

■ 32.4170, 12.7880,
21.5560

■ 249.7170, 2.4750,
4.7070

■ 14.9390, 11.1380,
18.4180

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 129.5530, 15.4010,
23.7610

■ 129.5530, 15.4010,
23.7610

■ 119.9330, 20.4430,
31.5070

■ 139.1730, 10.3590,
16.0150

■ 110.3130, 25.4850,
39.2530

■ 148.7930, 5.3170,
8.2690

■ 100.6930, 30.5270,
46.9990

■ 158.4130, 0.2750,
0.5230

■ 91.0730, 35.5690,
54.7450

■ 168.0330, -4.7670,
-7.2230

■ 81.4530, 40.6110,
62.4910

■ 177.6530, -9.8090,
-14.9690

■ 72.4200, 45.3780,
69.7140

■ 186.6860,
-14.5760, -22.1920

63.3870, 50.1450,
76.9370

196.3060,
-19.6180, -29.9380

205.9260,
-24.6600, -37.6840

215.5460,
-29.7020, -45.4300

Harmonies

Analogous

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



127.7330, -11.6490, 18.3910



129.5530, 15.4010, 23.7610



128.4380, 34.6580, 21.6820

Triad

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



129.5530, 15.4010, 23.7610



123.7530, 28.0160, -12.1440



98.8070, -86.6960, -25.7360

Complementary

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



129.5530, 15.4010, 23.7610



139.4470, -15.4010, -23.7610

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.



110.4830, -50.6130, -24.3810



129.5530, 15.4010, 23.7610



121.1740, 7.4770, -19.8750

Square

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



129.5530, 15.4010, 23.7610



126.0740, 40.7140, 0.0260



117.2940, -19.3440, -23.8880



110.0900, -70.8350, -10.3150

Rectangle

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



129.5530, 15.4010, 23.7610



127.8700, 41.9490, 16.1970



117.2940, -19.3440, -23.8880



102.9670, -75.4630, -25.5670

Sweetspot

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



129.5530, 15.4010, 23.7610



195.5050, 6.1880, 9.0040



117.3800, -12.1530, 16.5110



97.7280, 3.9420, 5.6540



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.



129.5530, 15.4010, 23.7610



160.6610, 24.3850, 37.1610



126.8170, 23.1050, 16.2970



74.1900, 2.5210, 3.8730



57.0070, 45.1030, 69.1910



5.9670, 4.7670, 7.2230

Inverse Universe

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



129.5530, 15.4010, 23.7610



160.6610, 24.3850, 37.1610



142.1830, -23.1050, -16.2970



74.1900, 2.5210, 3.8730



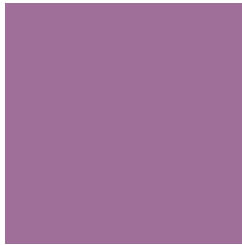
57.0070, 45.1030, 69.1910



5.9670, 4.7670, 7.2230

Previews

White Background



This preview shows how the YIQ color 129.5530, 15.4010, 23.7610 looks on a white background.

Color Contrast Check

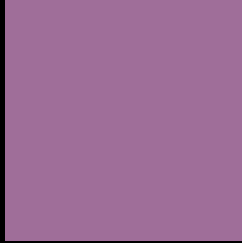
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.5530, 15.4010, 23.7610 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 129.5530, 15.4010, 23.7610

Background



This preview shows how black text looks on a background with the YIQ color 129.5530, 15.4010, 23.7610.



This preview shows how white text looks on a background with the YIQ color 129.5530, 15.4010,

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

129.5530, 15.4010, 23.7610

Protanopia

126.6410, -17.5620, 9.9100

Deuteranopia

127.3880, -6.6040, 9.5560



Tritanopia

127.9860, 20.9510, 11.2790

Trichromacy



Original Color

129.5530, 15.4010, 23.7610

Protanomaly

128.0340, -5.3670, 14.6730

Deuteranomaly

128.1550, 1.6020, 15.0260

Tritanomaly

128.3650, 18.5660, 15.9580

Monochromacy



Original Color

129.5530, 15.4010, 23.7610

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0920, 5.9130, 8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5530, 15.4010, 23.7610 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(159, 110, 153)` looks like.

```
.text, #text, p{  
    color:rgb(159, 110, 153)  
}
```

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(159, 110, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 110, 153) }
```

Border

The CSS property to change the border of an element to YIQ 129.5530, 15.4010, 23.7610 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(159, 110, 153) }
```


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

```
.border{ border-color:rgb(159, 110, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 110, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 110, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 110, 153);  
box-shadow:4px 4px 4px 4px rgb(159, 110,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5530, 15.4010, 23.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 110, 153) }
```

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

```
.background{ background-color: rgb(159,  
110, 153) }
```

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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