

Converting Colors

YIQ(126.9260, 13.1530, 31.4650)

Have a look what the booklet for
YIQ(126.9260, 13.1530, 31.4650)
contains.

YIQ(126.9260, 13.1530, 31.4650)	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(126.9260, 13.1530,
31.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	9F67A6
RGB	159, 103, 166
RGB Percent	62%, 40%, 65%
CMY	0.3763, 0.5962, 0.3490
CMYK	0.04, 0.38, 0.00, 0.35
HSL	293°, 26%, 53%
HSV	293°, 38%, 65%
XYZ	26.0377, 19.8245, 38.5310
YIQ	126.9260, 13.1530, 31.4650

Conversions

Conversions Part 2

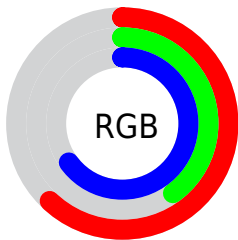
Format	Color
RYB	159, 103, 166
Decimal	10446758
CIELab	51.64, 33.19, -24.85
CIELCh	52, 41.458, 323.179
Yxy	19.8245, 0.3085, 0.2349
Android (android.graphics.Color)	4288636838 (0xFF9F67A6)
YUV	126.9260, 19.2635, 28.1289
Hunter-Lab	44.5247, 26.4674, -20.1414

Details

The YIQ color **126.9260, 13.1530, 31.4650** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.0740, -13.1530, -31.4650**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.4640, 14.5740, 33.2460**, and **76.3880, 11.7320, 29.6840** is the 20% darker color. If you saturate the color by 10%, you get **116.3490, 16.6360, 39.9320**, and if you desaturate by 10%, it is **137.5030, 9.6700, 22.9980**.

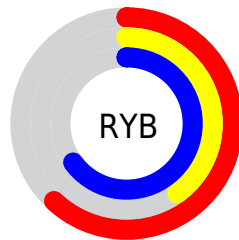
Distribution



Red (62%)

Green (40%)

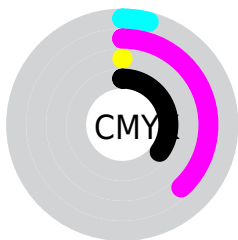
Blue (65%)



Red (62%)

Yellow (40%)

Blue (65%)

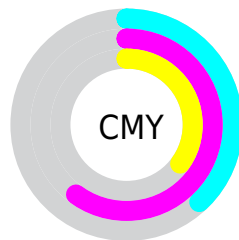


Cyan (4%)

Magenta (38%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.9260, 13.1530, 31.4650 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 126.9260, 13.1530, 31.4650 by changing the saturation by 10% instead.

126.9260, 13.1530,
31.4650

126.9260, 13.1530,
31.4650

255.0000, -0.0000,
-0.0000

101.1000, 12.6030,
30.4190

180.4640, 14.5740,
33.2460

76.3880, 11.7320,
29.6840

208.2900, 15.1240,
34.2920

51.9750, 11.4570,
29.1610

228.5850, 12.3750,
23.5350

27.3880, 11.7320,
29.6840

245.6080, 4.4000,
8.3680

15.6660, 7.6530,
21.0050

2.9810, -7.0160,
6.0080

0.0000, 0.0000,

0.0000

■ 126.9260, 13.1530,
31.4650

■ 126.9260, 13.1530,
31.4650

■ 116.3490, 16.6360,
39.9320

■ 137.5030, 9.6700,
22.9980

■ 106.3590, 19.8440,
47.8760

■ 147.4930, 6.4620,
15.0540

■ 96.0810, 23.9230,
56.5550

■ 158.0700, 2.9790,
6.5870

■ 86.0910, 27.1310,
64.4990

■ 167.7610, -0.8250,
-1.5690

■ 75.5140, 30.6140,
72.9660

■ 178.3380, -4.3080,
-10.0360

■ 64.9370, 34.0970,
81.4330

■ 188.9150, -7.7910,
-18.5030

■ 63.1760, 34.9220,
83.0020

■ 198.9050,
-10.9990, -26.4470

■ 209.4820,
-14.4820, -34.9140

■ 219.4720,
-17.6900, -42.8580

Harmonies

Analogous

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



123.5990, -25.7710, 21.0210



126.9260, 13.1530, 31.4650



124.7690, 41.3960, 31.7320

Triad

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



126.9260, 13.1530, 31.4650



120.1150, 41.4960, -14.1520



99.8670, -86.9250, -27.0930

Complementary

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



126.9260, 13.1530, 31.4650



142.0740, -13.1530, -31.4650

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.



95.0620, -74.7730, -38.0770



126.9260, 13.1530, 31.4650



116.6770, 16.0060, -25.7700

Square

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



126.9260, 13.1530, 31.4650



121.8970, 54.5140, 3.2340



111.5510, -18.9300, -31.3940



100.8250, -95.1340, -15.9820

Rectangle

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



126.9260, 13.1530, 31.4650



123.8270, 52.6760, 25.5400



111.5510, -18.9300, -31.3940



98.4990, -83.0730, -30.8250

Sweetspot

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



126.9260, 13.1530, 31.4650



202.0150, 4.8120, 11.9160



114.2910, -22.1480, 15.9320



100.5970, 2.9330, 7.4210



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



126.9260, 13.1530, 31.4650



155.0110, 20.9440, 49.9680



126.2830, 25.0290, 25.4850



79.0050, 1.6040, 3.9720



56.3400, 31.1640, 74.0120



7.6620, 4.3080, 10.0360

Inverse Universe

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



122.6350, 35.3010, 15.5330



148.1540, 56.0690, 24.6210



142.7170, -25.0290, -25.4850



78.5060, 4.4470, 2.0070



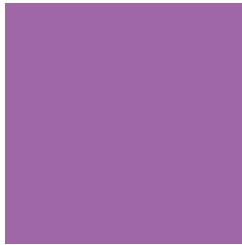
46.0760, 83.0720, 36.3520



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 126.9260, 13.1530, 31.4650 looks on a white background.

Color Contrast Check

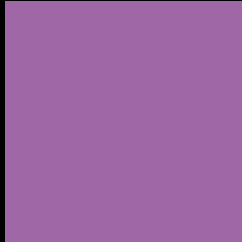
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9260, 13.1530, 31.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

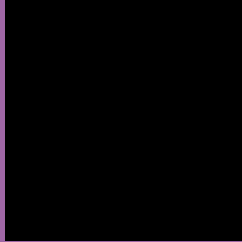
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.9260, 13.1530, 31.4650

Background



This preview shows how black text looks on a background with the YIQ color 126.9260, 13.1530, 31.4650.



This preview shows how white text looks on a background with the YIQ color 126.9260, 13.1530,

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

126.9260, 13.1530, 31.4650

Protanopia

122.7570, -29.3920, 15.0560

Deuteranopia

123.6950, -17.6540, 11.5780



Tritanopia

125.2850, 21.5470, 11.4910

Trichromacy



Original Color

126.9260, 13.1530, 31.4650

Protanomaly

124.0580, -13.9420, 21.4020

Deuteranomaly

124.4840, -6.5140, 18.9420

Tritanomaly

125.9460, 18.4280, 18.4600

Monochromacy



Original Color

126.9260, 13.1530, 31.4650

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9010, 5.1330, 11.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9260, 13.1530, 31.4650 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, 103, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 103, 166)  
}
```

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, 103, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 103, 166) }
```

Border

The CSS property to change the border of an element to YIQ 126.9260, 13.1530, 31.4650 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, 103, 166) }
```


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

```
.border{ border-color:rgb(159, 103, 166) }
```

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

Here you see how a box with a 4 pixel rgb(159, 103, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 103, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 103, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 103,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9260, 13.1530, 31.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 103, 166) }
```

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

```
.background{ background-color: rgb(159,  
103, 166) }
```

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