

Converting Colors

YIQ(126.5050, 15.3560, 19.0680)

Have a look what the booklet for
YIQ(126.5050, 15.3560, 19.0680)
contains.

YIQ(126.5050, 15.3560, 19.0680)	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(126.5050, 15.3560,
19.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	996E8E
RGB	153, 110, 142
RGB Percent	60%, 43%, 56%
CMY	0.3999, 0.5687, 0.4431
CMYK	0.00, 0.28, 0.07, 0.40
HSL	315°, 17%, 52%
HSV	315°, 28%, 60%
XYZ	23.5999, 19.8766, 28.1875
YIQ	126.5050, 15.3560, 19.0680

Conversions

Conversions Part 2

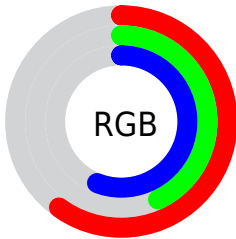
Format	Color
R_{YB}	153, 110, 142
Decimal	10055310
CIE _{Lab}	51.70, 22.46, -10.75
CIE _{LCh}	52, 24.903, 334.434
Yxy	19.8766, 0.3293, 0.2774
Android (android.graphics.Color)	4288245390 (0xFF996E8E)
YUV	126.5050, 7.6390, 23.2361
Hunter-Lab	44.5832, 16.4677, -6.2776

Details

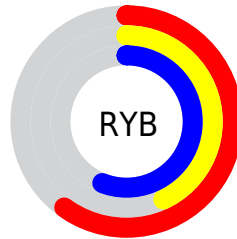
The YIQ color **126.5050, 15.3560, 19.0680** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.4950, -15.3560, -19.0680**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6300, 16.5020, 20.3260**, and **77.0810, 13.6140, 17.5980** is the 20% darker color. If you saturate the color by 10%, you get **117.2440, 20.7650, 25.6690**, and if you desaturate by 10%, it is **135.7660, 9.9470, 12.4670**.

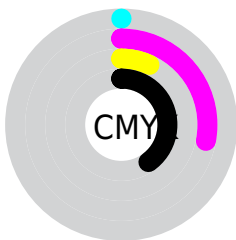
Distribution



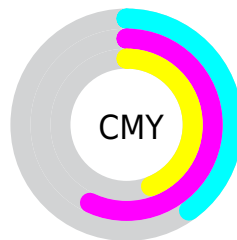
- Red (60%)
- Green (43%)
- Blue (56%)



- Red (60%)
- Yellow (43%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.5050, 15.3560, 19.0680 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 126.5050, 15.3560, 19.0680 by changing the saturation by 10% instead.

126.5050, 15.3560,
19.0680

126.5050, 15.3560,
19.0680

255.0000, -0.0000,
-0.0000

101.0920, 15.0810,
18.5450

179.6300, 16.5020,
20.3260

77.0810, 13.6140,
17.5980

207.0430, 16.7770,
20.8490

53.6680, 13.3390,
17.0750

232.3520, 11.4130,
18.9410

31.0700, 12.1470,
16.6510

249.7170, 2.4750,
4.7070

13.1300, 11.9180,
15.2940

0.0000, 0.0000,
0.0000

126.5050, 15.3560,
19.0680

126.5050, 15.3560,
19.0680

117.2440, 20.7650,
25.6690

135.7660, 9.9470,
12.4670

107.3960, 26.4490,
32.7930

145.6140, 4.2630,
5.3430

98.1350, 31.8580,
39.3940

154.8750, -1.1460,
-1.2580

88.8740, 37.2670,
45.9950

164.1360, -6.5550,
-7.8590

79.0260, 42.9510,
53.1190

173.9840,
-12.2390, -14.9830

69.7650, 48.3600,
59.7200

183.2450,
-17.6480, -21.5840

60.6180, 53.4480,
66.6320


192.3920,
-22.7360, -28.4960

58.7430, 54.5940,

201.6530,

67.8900

-28.1450, -35.0970

 211.5010,
-33.8290, -42.2210

Harmonies

Analogous

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



125.5610, -5.4130, 15.5070



126.5050, 15.3560, 19.0680



125.9380, 30.0740, 16.6500

Triad

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



126.5050, 15.3560, 19.0680



121.8000, 20.6340, -10.5180



110.9640, -53.0450, -13.3410

Complementary

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



126.5050, 15.3560, 19.0680



136.4950, -15.3560, -19.0680

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.



112.4460, -40.0230, -18.0630



126.5050, 15.3560, 19.0680



119.2430, 3.0290, -16.3550

Square

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



126.5050, 15.3560, 19.0680



123.5290, 32.0030, -1.7970



115.9400, -18.1070, -18.7710



114.9960, -46.9030, -3.5030

Rectangle

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



126.5050, 15.3560, 19.0680



125.2280, 34.8890, 11.9850



115.9400, -18.1070, -18.7710



111.0520, -50.4770, -15.8290

Sweetspot

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



126.5050, 15.3560, 19.0680



189.1520, 5.6840, 7.1240



118.1910, -7.2470, 15.7050



93.4890, 3.1170, 4.0850



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



126.5050, 15.3560, 19.0680



157.1460, 24.1570, 30.2770



124.1110, 22.0970, 12.5370



72.0760, 2.8420, 3.5620



53.7160, 50.0560, 62.0240



4.9130, 4.8590, 5.5550

Inverse Universe

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



126.5050, 15.3560, 19.0680



157.1460, 24.1570, 30.2770



138.8890, -22.0970, -12.5370



72.0760, 2.8420, 3.5620



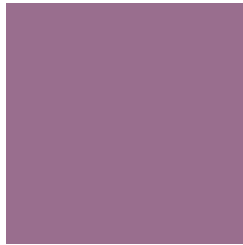
53.7160, 50.0560, 62.0240



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 126.5050, 15.3560, 19.0680 looks on a white background.

Color Contrast Check

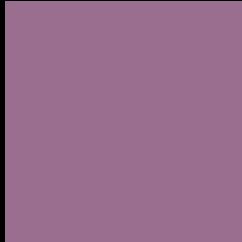
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.5050, 15.3560, 19.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

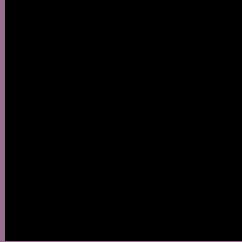
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.5050, 15.3560, 19.0680

Background



This preview shows how black text looks on a background with the YIQ color 126.5050, 15.3560, 19.0680.



This preview shows how white text looks on a background with the YIQ color 126.5050, 15.3560,

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

126.5050, 15.3560, 19.0680

Protanopia

123.6970, -11.9680, 7.6480

Deuteranopia

124.6720, -1.6520, 7.9160



Tritanopia

125.9750, 19.4840, 10.3320

Trichromacy



Original Color

126.5050, 15.3560, 19.0680

Protanomaly

124.8940, -2.1570, 11.5630

Deuteranomaly

125.1290, 4.4910, 12.2270

Tritanomaly

126.4850, 18.1080, 13.2440

Monochromacy



Original Color

126.5050, 15.3560, 19.0680

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7390, 5.4090, 6.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.5050, 15.3560, 19.0680 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(153, 110, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 142)  
}
```

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(153, 110, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 142) }
```

Border

The CSS property to change the border of an element to YIQ 126.5050, 15.3560, 19.0680 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(153, 110, 142) }
```


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

```
.border{ border-color:rgb(153, 110, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 126.5050, 15.3560, 19.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 142) }
```

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

```
.background{ background-color: rgb(153,  
110, 142) }
```

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