

Converting Colors

YIQ(119.7790, 26.2680, 19.5480)

Have a look what the booklet for
YIQ(119.7790, 26.2680, 19.5480)
contains.

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Color

**YIQ(119.7790, 26.2680,
19.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	9D647C
RGB	157, 100, 124
RGB Percent	62%, 39%, 49%
CMY	0.3842, 0.6079, 0.5136
CMYK	0.00, 0.36, 0.21, 0.38
HSL	335°, 23%, 50%
HSV	335°, 36%, 62%
XYZ	22.1065, 17.7375, 21.3346
YIQ	119.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

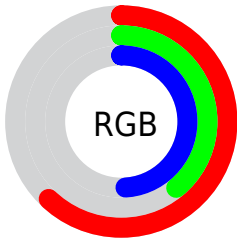
Format	Color
R_{YB}	157, 100, 124
Decimal	10314876
CIE _{Lab}	49.18, 26.56, -3.79
CIE _{LCh}	49, 26.827, 351.876
Yxy	17.7375, 0.3613, 0.2899
Android (android.graphics.Color)	4288504956 (0xFF9D647C)
YUV	119.7790, 2.0810, 32.6428
Hunter-Lab	42.1159, 19.9910, -0.5533

Details

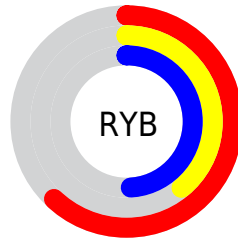
The YIQ color **119.7790, 26.2680, 19.5480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.2210, -26.2680, -19.5480**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.9750, 28.6520, 20.3960**, and **70.1700, 23.6090, 18.1770** is the 20% darker color. If you saturate the color by 10%, you get **109.3610, 33.5570, 25.1170**, and if you desaturate by 10%, it is **130.1970, 18.9790, 13.9790**.

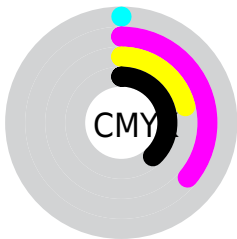
Distribution



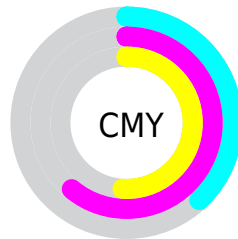
- Red (62%)
- Green (39%)
- Blue (49%)



- Red (62%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7790, 26.2680, 19.5480 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 119.7790, 26.2680, 19.5480 by changing the saturation by 10% instead.

■ 119.7790, 26.2680,
19.5480

■ 119.7790, 26.2680,
19.5480

■ 255.0000, -0.0000,
-0.0000

■ 94.1810, 25.0760,
19.1240

■ 173.0890, 28.3310,
20.7070

■ 70.1700, 23.6090,
18.1770

■ 200.3880, 28.9270,
20.9190

■ 46.6860, 22.0960,
18.0640

■ 223.6150, 20.8580,
18.4740

■ 23.0280, 21.1330,
18.9970

■ 243.2600, 5.5000,
10.4600

■ 11.5620, 19.2090,
9.8090

■ 0.0000, 0.0000,
0.0000

■ 119.7790, 26.2680,
19.5480

■ 119.7790, 26.2680,
19.5480

■ 109.3610, 33.5570,
25.1170

■ 130.1970, 18.9790,
13.9790

■ 99.5300, 40.5710,
30.1630

■ 140.0280, 11.9650,
8.9330

■ 89.1120, 47.8600,
35.7320

■ 150.4460, 4.6760,
3.3640

■ 78.6940, 55.1490,
41.3010

■ 160.8640, -2.6130,
-2.2050

■ 68.2760, 62.4380,
46.8700

■ 170.6950, -9.6270,
-7.2510

■ 58.4450, 69.4520,
51.9160


■ 181.2270,
-17.2370, -12.5090

■ 54.4670, 72.3860,
53.8100

■ 191.6450,
-24.5260, -18.0780

■ 202.0630,

-31.8150, -23.6470

 211.8940,
-38.8290, -28.6930

Harmonies

Analogous

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



120.0250, 8.0200, 19.8600



119.7790, 26.2680, 19.5480



118.6520, 36.6310, 13.4550

Triad

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



119.7790, 26.2680, 19.5480



113.8480, 11.5110, -15.8890



103.2500, -59.6020, -10.1460

Complementary

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



119.7790, 26.2680, 19.5480



137.2210, -26.2680, -19.5480

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.



101.3500, -57.3080, -18.6840



119.7790, 26.2680, 19.5480



110.6050, -9.8540, -19.6620

Square

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



119.7790, 26.2680, 19.5480



115.8010, 28.0610, -7.4510



106.5020, -34.4290, -20.3250



111.8060, -40.2560, 2.6880

Rectangle

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



119.7790, 26.2680, 19.5480



117.7350, 37.5950, 6.9950



106.5020, -34.4290, -20.3250



101.6470, -62.3980, -14.5420

Sweetspot

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



119.7790, 26.2680, 19.5480



189.6040, 10.2230, 7.4630



116.0660, 0.7750, 24.5110



93.4570, 6.1430, 4.3110



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



119.7790, 26.2680, 19.5480



145.2420, 41.4420, 30.8980



119.3910, 32.8720, 9.9920



73.7340, 3.8050, 2.6290



49.5970, 65.9680, 48.9760



5.1690, 7.0140, 5.0460

Inverse Universe

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



119.7790, 26.2680, 19.5480



145.2420, 41.4420, 30.8980



137.6090, -32.8720, -9.9920



73.7340, 3.8050, 2.6290



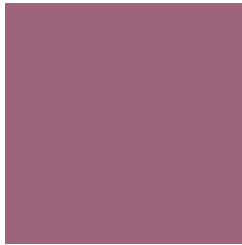
49.5970, 65.9680, 48.9760



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 119.7790, 26.2680, 19.5480 looks on a white background.

Color Contrast Check

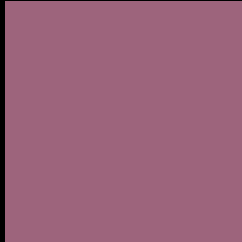
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.7790, 26.2680, 19.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

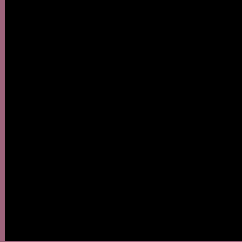
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.7790, 26.2680, 19.5480

Background



This preview shows how black text looks on a background with the YIQ color 119.7790, 26.2680, 19.5480.



This preview shows how white text looks on a background with the YIQ color 119.7790, 26.2680,

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

119.7790, 26.2680, 19.5480

Protanopia

117.4540, -6.9700, 5.1740

Deuteranopia

118.7990, 5.1800, 5.2440



Tritanopia

119.0580, 29.6160, 13.9360

Trichromacy



Original Color

119.7790, 26.2680, 19.5480

Protanomaly

118.2600, 5.5000, 10.4600

Deuteranomaly

119.2670, 12.7900, 10.5020

Tritanomaly

119.0410, 28.2860, 16.0140

Monochromacy



Original Color

119.7790, 26.2680, 19.5480

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7790, 26.2680, 19.5480 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(157, 100, 124)` looks like.

```
.text, #text, p{  
    color:rgb(157, 100, 124)  
}
```

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(157, 100, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 100, 124) }
```

Border

The CSS property to change the border of an element to YIQ 119.7790, 26.2680, 19.5480 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(157, 100, 124) }
```


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

```
.border{ border-color:rgb(157, 100, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 100, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 100, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 100, 124);  
box-shadow:4px 4px 4px 4px rgb(157, 100,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7790, 26.2680, 19.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 100, 124) }
```

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

```
.background{ background-color: rgb(157,  
100, 124) }
```

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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