

Converting Colors

YIQ(119.4480, 28.6980, 19.5620)

Have a look what the booklet for
YIQ(119.4480, 28.6980, 19.5620)
contains.

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Color

**YIQ(119.4480, 28.6980,
19.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6379
RGB	159, 99, 121
RGB Percent	62%, 39%, 47%
CMY	0.3763, 0.6118, 0.5254
CMYK	0.00, 0.38, 0.24, 0.38
HSL	338°, 24%, 51%
HSV	338°, 38%, 62%
XYZ	22.2182, 17.6750, 20.3377
YIQ	119.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

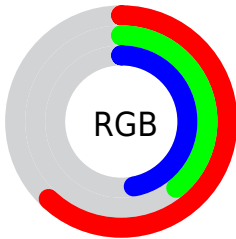
Format	Color
R_{YB}	159, 99, 121
Decimal	10445689
CIE Lab	49.10, 27.41, -2.09
CIE LCh	49, 27.484, 355.649
Yxy	17.6750, 0.3689, 0.2935
Android (android.graphics.Color)	4288635769 (0xFF9F6379)
YUV	119.4480, 0.7651, 34.6871
Hunter-Lab	42.0416, 20.7607, 0.7476

Details

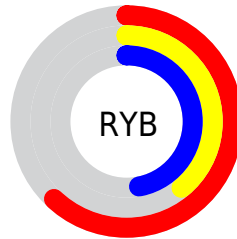
The YIQ color $[119.4480, 28.6980, 19.5620]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[138.5520, -28.6980, -19.5620]$, and the grayscale version is $[119.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.6440, 31.0820, 20.4100]$, and $[69.9530, 25.7180, 18.5020]$ is the 20% darker color. If you saturate the color by 10%, you get $[108.9160, 36.3080, 24.8200]$, and if you desaturate by 10%, it is $[129.9800, 21.0880, 14.3040]$.

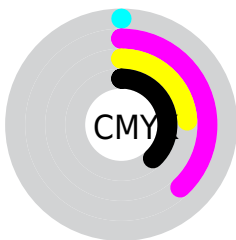
Distribution



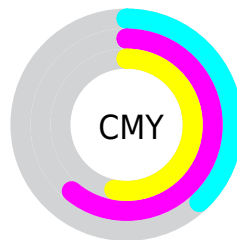
- Red (62%)
- Green (39%)
- Blue (47%)



- Red (62%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4480, 28.6980, 19.5620 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 119.4480, 28.6980, 19.5620 by changing the saturation by 10% instead.

■ 119.4480, 28.6980,
19.5620

■ 119.4480, 28.6980,
19.5620

■ 255.0000, -0.0000,
-0.0000

■ 93.8500, 27.5060,
19.1380

■ 172.6440, 31.0820,
20.4100

■ 69.9530, 25.7180,
18.5020

■ 200.3560, 31.9530,
21.1450

■ 46.3550, 24.5260,
18.0780

■ 222.6860, 22.0960,
18.0640

■ 22.3980, 22.9670,
18.7990

■ 242.6730, 5.7750,
10.9830

■ 11.2910, 21.4100,
8.4660

■ 0.0000, 0.0000,
0.0000

■ 119.4480, 28.6980,
19.5620

■ 119.4480, 28.6980,
19.5620

■ 108.9160, 36.3080,
24.8200

■ 129.9800, 21.0880,
14.3040

■ 98.3840, 43.9180,
30.0780

■ 140.5120, 13.4780,
9.0460

■ 87.8520, 51.5280,
35.3360

■ 151.0440, 5.8680,
3.7880

■ 77.3200, 59.1380,
40.5940

■ 161.5760, -1.7420,
-1.4700

■ 66.7880, 66.7480,
45.8520

■ 171.5210, -9.0770,
-6.2050

■ 56.8430, 74.0830,
50.5870


■ 182.0530,
-16.6870, -11.4630

■ 54.1530, 76.1460,
51.7460

■ 192.5850,
-24.2970, -16.7210

■ 203.2310,

-32.2280, -21.6680

 213.7630,
-39.8380, -26.9260

Harmonies

Analogous

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



120.1070, 10.7250, 20.3970



119.4480, 28.6980, 19.5620



118.3100, 37.5940, 12.5220

Triad

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



119.4480, 28.6980, 19.5620



112.9510, 9.7230, -16.5250



103.1790, -60.8400, -9.7360

Complementary

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



119.4480, 28.6980, 19.5620



138.5520, -28.6980, -19.5620

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.



99.3000, -63.0390, -19.4470



119.4480, 28.6980, 19.5620



109.3380, -13.4760, -20.1000

Square

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



119.4480, 28.6980, 19.5620



115.2630, 26.6400, -9.2320



104.9360, -38.6470, -20.9750



112.3440, -38.8350, 4.4690

Rectangle

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



119.4480, 28.6980, 19.5620



117.5670, 38.0080, 5.0160



104.9360, -38.6470, -20.9750



100.5050, -64.8740, -13.7220

Sweetspot

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



119.4480, 28.6980, 19.5620



191.7890, 11.1400, 7.3640



116.9030, 2.7920, 26.5040



95.7560, 6.7390, 4.5230



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.



119.4480, 28.6980, 19.5620



145.6830, 44.5140, 30.2900



121.0490, 33.8350, 9.0590



73.7340, 3.8050, 2.6290



48.6850, 68.5360, 46.4880



5.1690, 7.0140, 5.0460

Inverse Universe

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



119.4480, 28.6980, 19.5620



145.6830, 44.5140, 30.2900



136.9510, -33.8350, -9.0590



73.7340, 3.8050, 2.6290



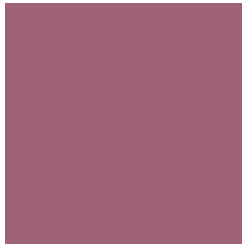
48.6850, 68.5360, 46.4880



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 119.4480, 28.6980, 19.5620 looks on a white background.

Color Contrast Check

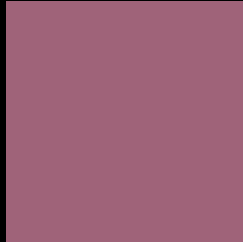
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4480, 28.6980, 19.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

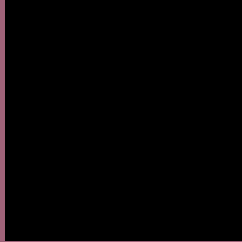
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.4480, 28.6980, 19.5620

Background



This preview shows how black text looks on a background with the YIQ color 119.4480, 28.6980, 19.5620.



This preview shows how white text looks on a background with the YIQ color 119.4480, 28.6980,

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

119.4480, 28.6980, 19.5620

Protanopia

117.5250, -5.7320, 4.7640

Deuteranopia

118.0550, 7.3350, 4.7350



Tritanopia

118.9550, 31.4040, 14.5720

Trichromacy



Original Color

119.4480, 28.6980, 19.5620

Protanomaly

118.3310, 6.7380, 10.0500

Deuteranomaly

118.5230, 14.9450, 9.9930

Tritanomaly

118.8240, 30.3950, 16.3390

Monochromacy



Original Color

119.4480, 28.6980, 19.5620

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.4900, 10.5440, 7.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4480, 28.6980, 19.5620 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, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 121)  
}
```

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, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 121) }
```

Border

The CSS property to change the border of an element to YIQ 119.4480, 28.6980, 19.5620 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, 99, 121) }
```


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

```
.border{ border-color:rgb(159, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4480, 28.6980, 19.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 121) }
```

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

```
.background{ background-color: rgb(159, 99,  
121) }
```

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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