

Converting Colors

YIQ(127.7050, 19.9440, 1.9920)

Have a look what the booklet for
YIQ(127.7050, 19.9440, 1.9920)
contains.

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Color

**YIQ(127.7050, 19.9440,
1.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	94796D
RGB	148, 121, 109
RGB Percent	58%, 47%, 43%
CMY	0.4196, 0.5255, 0.5725
CMYK	0.00, 0.18, 0.26, 0.42
HSL	18°, 15%, 50%
HSV	18°, 26%, 58%
XYZ	21.8129, 21.0738, 17.3924
YIQ	127.7050, 19.9440, 1.9920

Conversions

Conversions Part 2

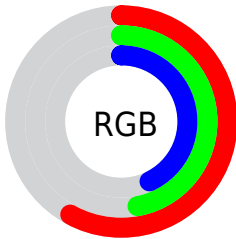
Format	Color
R_{YB}	148, 126, 109
Decimal	9730413
CIE _{Lab}	53.03, 8.58, 10.50
CIE _{LCh}	53, 13.559, 50.755
Yxy	21.0738, 0.3619, 0.3496
Android (android.graphics.Color)	4287920493 (0xFF94796D)
YUV	127.7050, -9.2216, 17.7987
Hunter-Lab	45.9063, 4.4804, 9.6714

Details

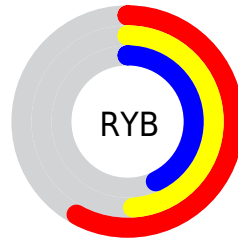
The YIQ color **127.7050, 19.9440, 1.9920** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.2950, -19.9440, -1.9920**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.4880, 22.0530, 2.3170**, and **78.3350, 18.1100, 2.1900** is the 20% darker color. If you saturate the color by 10%, you get **120.1250, 27.5090, 2.5570**, and if you desaturate by 10%, it is **135.2850, 12.3790, 1.4270**.

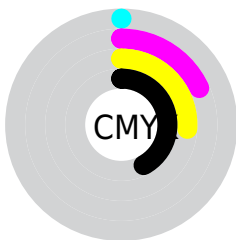
Distribution



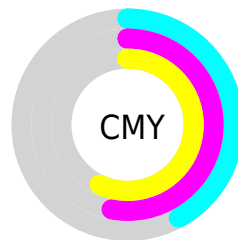
- Red (58%)
- Green (47%)
- Blue (43%)



- Red (58%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (42%)




- Cyan (42%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.7050, 19.9440, 1.9920 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 127.7050, 19.9440, 1.9920 by changing the saturation by 10% instead.


 127.7050, 19.9440,
1.9920


 127.7050, 19.9440,
1.9920


255.0000, -0.0000,
-0.0000


 102.5200, 19.0270,
2.0910


 180.6020, 21.7320,
2.6280

 78.3350, 18.1100,
2.1900


 208.4880, 22.0530,
2.3170


 55.4380, 16.3220,
1.5540

 235.1780, 19.9900,
1.1580

 33.8400, 15.1300,
1.1300

 253.7460, 3.5310,
-3.4210

 11.0190, 16.1840,
4.0560

 0.0000, 0.0000,
0.0000

■ 127.7050, 19.9440,
1.9920

■ 127.7050, 19.9440,
1.9920

■ 120.1250, 27.5090,
2.5570

■ 135.2850, 12.3790,
1.4270

■ 111.9580, 35.3490,
3.6450

■ 143.4520, 4.5390,
0.3390

■ 104.4920, 42.5930,
4.5210

■ 150.9180, -2.7050,
-0.5370

■ 96.9120, 50.1580,
5.0860

■ 158.4980,
-10.2700, -1.1020

■ 89.3320, 57.7230,
5.6510

■ 166.0780,
-17.8350, -1.6670

■ 81.1650, 65.5630,
6.7390

■ 174.2450,
-25.6750, -2.7550

■ 73.5850, 73.1280,
7.3040

■ 181.8250,
-33.2400, -3.3200

■ 70.6670, 75.8330,

■ 189.2910,

7.8410

-40.4840, -4.1960

■ 196.8710,
-48.0490, -4.7610

Harmonies

Analogous

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



128.5680, 19.0720, 6.7840



127.7050, 19.9440, 1.9920



126.7920, 15.0850, -3.5630

Triad

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



127.7050, 19.9440, 1.9920



122.4770, -14.9450, -9.9930



127.3230, -7.9790, 6.9410

Complementary

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



127.7050, 19.9440, 1.9920



129.2950, -19.9440, -1.9920

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.



125.3000, -18.3400, 1.9800



127.7050, 19.9440, 1.9920



122.0510, -22.3730, -7.5330

Square

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



127.7050, 19.9440, 1.9920



123.7510, -4.0330, -9.5130



123.2020, -24.1160, -3.4760



128.3630, 3.7120, 9.8240

Rectangle

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



127.7050, 19.9440, 1.9920



125.5740, 9.7670, -6.3050



123.2020, -24.1160, -3.4760



126.5290, -11.5550, 5.6690

Sweetspot

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



127.7050, 19.9440, 1.9920



183.4200, 7.5650, 0.5650



123.7390, 14.5770, 16.6650



91.7510, 5.1350, 0.5510



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



127.7050, 19.9440, 1.9920



159.3920, 31.1310, 2.9950



138.8580, 14.7190, -7.9450



70.2670, 3.6220, 0.4380



65.9160, 70.6980, 7.2900



4.7510, 5.1350, 0.5510

Inverse Universe

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



129.2950, -19.9440, -1.9920



161.6080, -31.1310, -2.9950



118.1420, -14.7190, 7.9450



70.7330, -3.6220, -0.4380



71.4970, -70.4230, -6.7670



5.2490, -5.1350, -0.5510

Previews

White Background



This preview shows how the YIQ color 127.7050, 19.9440, 1.9920 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 127.7050, 19.9440, 1.9920 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 127.7050, 19.9440, 1.9920

Background



This preview shows how black text looks on a background with the YIQ color 127.7050, 19.9440, 1.9920.



This preview shows how white text looks on a background with the YIQ color 127.7050, 19.9440,

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

127.7050, 19.9440, 1.9920

Protanopia

126.4970, 8.6660, -2.8700

Deuteranopia

127.3950, 17.8810, 0.8330



Tritanopia

128.5940, 16.1830, 9.5830

Trichromacy



Original Color

127.7050, 19.9440, 1.9920

Protanomaly

126.7040, 12.5170, -1.0750

Deuteranomaly

127.6940, 18.4770, 1.0450

Tritanomaly

128.0840, 17.5590, 6.6710

Monochromacy



Original Color

127.7050, 19.9440, 1.9920

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.5340, 7.2440, 0.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7050, 19.9440, 1.9920 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(148, 121, 109)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 109)  
}
```

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(148, 121, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 109) }
```

Border

The CSS property to change the border of an element to YIQ 127.7050, 19.9440, 1.9920 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(148, 121, 109) }
```


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

```
.border{ border-color:rgb(148, 121, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 109);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7050, 19.9440, 1.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 109) }
```

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

```
.background{ background-color: rgb(148,  
121, 109) }
```

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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