

Converting Colors

YIQ(127.1670, 0.1870, -19.9170)

Have a look what the booklet for
YIQ(127.1670, 0.1870, -19.9170)
contains.

YIQ(127.1670, 0.1870, -19.9170)	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(127.1670, 0.1870,
-19.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	738C5D
RGB	115, 140, 93
RGB Percent	45%, 55%, 36%
CMY	0.5491, 0.4509, 0.6353
CMYK	0.18, 0.00, 0.34, 0.45
HSL	92°, 20%, 46%
HSV	92°, 34%, 55%
XYZ	18.4231, 23.1930, 13.8638
YIQ	127.1670, 0.1870, -19.9170

Conversions

Conversions Part 2

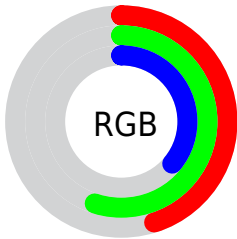
Format	Color
R_{YB}	93, 140, 118
Decimal	7572573
CIE _{Lab}	55.27, -17.84, 22.26
CIE _{LCh}	55, 28.527, 128.701
Yxy	23.1930, 0.3321, 0.4180
Android (android.graphics.Color)	4285762653 (0xFF738C5D)
YUV	127.1670, -16.8443, -10.6705
Hunter-Lab	48.1591, -15.9940, 16.6432

Details

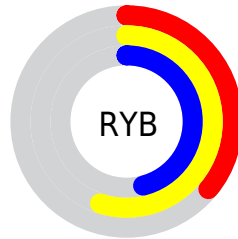
The YIQ color $127.1670, 0.1870, -19.9170$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $105.8330, -0.1870, 19.9170$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.5260, 0.5540, -21.0620$, and $77.8080, -0.1800, -18.7720$ is the 20% darker color. If you saturate the color by 10%, you get $123.4780, 0.5090, -25.7550$, and if you desaturate by 10%, it is $130.8560, -0.1350, -14.0790$.

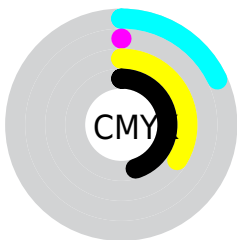
Distribution



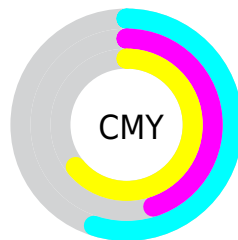
- Red (45%)
- Green (55%)
- Blue (36%)



- Red (36%)
- Yellow (55%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (45%)





- Cyan (55%)
- Magenta (45%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1670, 0.1870, -19.9170 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 127.1670, 0.1870, -19.9170 by changing the saturation by 10% instead.


 127.1670, 0.1870,
-19.9170

 127.1670, 0.1870,
-19.9170


 255.0000, -0.0000,
-0.0000

 101.6940, 0.1410,
-19.0830


 180.5260, 0.5540,
-21.0620


 77.8080, -0.1800,
-18.7720


 207.9990, 0.6000,
-21.8960

 54.3350, -0.2260,
-17.9380

 235.9990, 0.6000,
-21.8960

 32.4060, 1.0120,
-18.3480

 250.7970, 7.5210,
-9.6550

 14.6750, -6.8750,
-13.0750

 0.0000, 0.0000,
0.0000

■ 127.1670, 0.1870,
-19.9170

■ 127.1670, 0.1870,
-19.9170

■ 123.4780, 0.5090,
-25.7550

■ 130.8560, -0.1350,
-14.0790

■ 119.4900, 0.2350,
-31.8050

■ 134.8440, 0.1390,
-8.0290

■ 115.8010, 0.5570,
-37.6430

■ 138.5330, -0.1830,
-2.1910

■ 111.8130, 0.2830,
-43.6930

■ 142.5210, 0.0910,
3.8590

■ 108.1240, 0.6050,
-49.5310

■ 146.2100, -0.2310,
9.6970

■ 104.1360, 0.3310,
-55.5810

■ 150.1980, 0.0430,
15.7470

■ 101.6150, 0.2400,
-59.4400

■ 153.8870, -0.2790,
21.5850

■ 157.8750, -0.0050,

27.6350

■ 161.5640, -0.3270,
33.4730

Harmonies

Analogous

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



129.9910, 21.4140, -13.6420



127.1670, 0.1870, -19.9170



122.9390, -25.5340, -21.8380

Triad

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



127.1670, 0.1870, -19.9170



123.4020, -53.9180, -3.0220



134.8140, 36.3550, 18.4590

Complementary

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



127.1670, 0.1870, -19.9170



105.8330, -0.1870, 19.9170

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.



135.8370, 20.3530, 22.1210



127.1670, 0.1870, -19.9170



130.7090, -29.4370, 10.3630

Square

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



127.1670, 0.1870, -19.9170



115.8530, -65.9740, -15.8140



135.0500, -2.2960, 19.5920



133.6430, 40.8500, 8.5780

Rectangle

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



127.1670, 0.1870, -19.9170



119.9570, -43.1400, -22.1480



135.0500, -2.2960, 19.5920



135.4160, 31.7240, 19.7880

Sweetspot

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



127.1670, 0.1870, -19.9170



175.9580, -0.1820, -7.7180



121.1410, 21.4120, -2.5880



88.9520, -0.0450, -4.6930



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



127.1670, 0.1870, -19.9170



161.1310, -0.1320, -30.6600



120.7030, -13.2460, -24.2700



67.0060, -0.1370, -3.0250



96.6090, 0.3770, -56.4150



3.5330, -0.1830, -2.1910

Inverse Universe

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



105.8330, -0.1870, 19.9170



128.5700, -0.4640, 30.4480



112.2970, 13.2460, 24.2700



63.9940, 0.1370, 3.0250



36.3910, -0.3770, 56.4150



1.4670, 0.1830, 2.1910

Previews

White Background



This preview shows how the YIQ color 127.1670, 0.1870, -19.9170 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 127.1670, 0.1870, -19.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

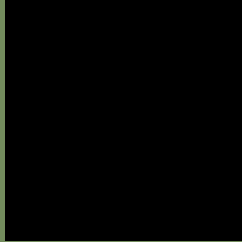
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.1670, 0.1870, -19.9170

Background



This preview shows how black text looks on a background with the YIQ color 127.1670, 0.1870, -19.9170.



This preview shows how white text looks on a background with the YIQ color 127.1670, 0.1870,

-19.9170.

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

127.1670, 0.1870, -19.9170

Protanopia

130.5010, 20.0380, -10.7300

Deuteranopia

131.5500, 27.5100, -2.9700



Tritanopia

131.8510, -9.7660, 0.7780

Trichromacy



Original Color

127.1670, 0.1870, -19.9170

Protanomaly

129.3860, 12.9320, -14.1080

Deuteranomaly

129.8860, 17.5160, -9.0760

Tritanomaly

129.9620, -6.0050, -6.8130

Monochromacy



Original Color

127.1670, 0.1870, -19.9170

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.3710, 0.0930, -7.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1670, 0.1870, -19.9170 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(115, 140, 93)` looks like.

```
.text, #text, p{  
    color:rgb(115, 140, 93)  
}
```

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(115, 140, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 140, 93) }
```

Border

The CSS property to change the border of an element to YIQ 127.1670, 0.1870, -19.9170 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(115, 140, 93) }
```


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

```
.border{ border-color:rgb(115, 140, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 140, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 140, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 140, 93);  
box-shadow:4px 4px 4px 4px rgb(115, 140,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1670, 0.1870, -19.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 140, 93) }
```

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

```
.background{ background-color: rgb(115,  
140, 93) }
```

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