

Converting Colors

YIQ(129.9460, 0.0920, -1.6680)

Have a look what the booklet for
YIQ(129.9460, 0.0920, -1.6680)
contains.

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Color

**YIQ(129.9460, 0.0920,
-1.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	81837F
RGB	129, 131, 127
RGB Percent	51%, 51%, 50%
CMY	0.4941, 0.4863, 0.5020
CMYK	0.02, 0.00, 0.03, 0.49
HSL	90°, 2%, 51%
HSV	90°, 3%, 51%
XYZ	21.0002, 22.4321, 23.3020
YIQ	129.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

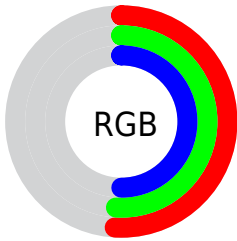
Format	Color
R_{YB}	127, 131, 129
Decimal	8487807
CIE _{Lab}	54.48, -1.53, 1.89
CIE _{LCh}	54, 2.434, 129.001
Yxy	22.4321, 0.3147, 0.3361
Android (android.graphics.Color)	4286677887 (0xFF81837F)
YUV	129.9460, -1.4524, -0.8296
Hunter-Lab	47.3626, -3.7389, 3.9836

Details

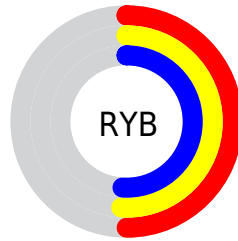
The YIQ color $129.9460, 0.0920, -1.6680$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $128.0540, -0.0920, 1.6680$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.9460, 0.0920, -1.6680$, and $80.9460, 0.0920, -1.6680$ is the 20% darker color. If you saturate the color by 10%, you get $126.3710, 0.0930, -7.1950$, and if you desaturate by 10%, it is $133.5210, 0.0910, 3.8590$.

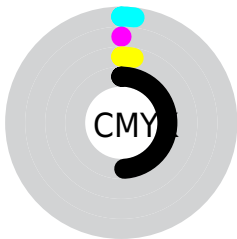
Distribution



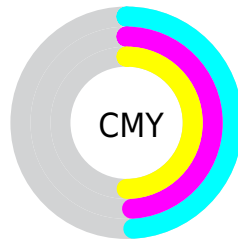
- Red (51%)
- Green (51%)
- Blue (50%)



- Red (50%)
- Yellow (51%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.9460, 0.0920, -1.6680 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 129.9460, 0.0920, -1.6680 by changing the saturation by 10% instead.

■ 129.9460, 0.0920,
-1.6680

■ 129.9460, 0.0920,
-1.6680

■ 255.0000, -0.0000,
-0.0000

■ 104.9460, 0.0920,
-1.6680

■ 182.9460, 0.0920,
-1.6680

■ 80.9460, 0.0920,
-1.6680

■ 210.5330, -0.1830,
-2.1910

■ 57.9460, 0.0920,
-1.6680

■ 238.8320, 0.4130,
-1.9790

■ 36.3590, 0.3670,
-1.1450

■ 14.9460, 0.0920,
-1.6680

■ 0.0000, 0.0000,
0.0000

■ 129.9460, 0.0920,
-1.6680

■ 129.9460, 0.0920,
-1.6680

■ 126.3710, 0.0930,
-7.1950

■ 133.5210, 0.0910,
3.8590

■ 123.0950, 0.6900,
-12.5100

■ 136.7970, -0.5060,
9.1740

■ 119.5200, 0.6910,
-18.0370

■ 140.3720, -0.5070,
14.7010

■ 116.2440, 1.2880,
-23.3520

■ 143.6480, -1.1040,
20.0160

■ 112.5550, 1.6100,
-29.1900

■ 147.3370, -1.4260,
25.8540

■ 109.2790, 2.2070,
-34.5050

■ 150.6130, -2.0230,
31.1690

■ 105.7040, 2.2080,
-40.0320

■ 154.1880, -2.0240,
36.6960

■ 102.1290, 2.2090,

■ 157.7630, -2.0250,

-45.5590

42.2230

■ 98.8530, 2.8060,
-50.8740

■ 161.0390, -2.6220,
47.5380

Harmonies

Analogous

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



129.8430, 1.8800, -1.0320



129.9460, 0.0920, -1.6680



129.5760, -1.7420, -1.4700

Triad

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



129.9460, 0.0920, -1.6680



130.1460, -3.3470, 0.0850



130.9080, 3.2550, 1.5830

Complementary

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



129.9460, 0.0920, -1.6680



128.0540, -0.0920, 1.6680

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.



130.8370, 2.0170, 1.9930



129.9460, 0.0920, -1.6680



130.1570, -1.8800, 1.0320

Square

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



129.9460, 0.0920, -1.6680



129.4340, -4.2180, -0.6500



131.0540, -0.0920, 1.6680



130.6800, 3.8970, 0.9610

Rectangle

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



129.9460, 0.0920, -1.6680



129.9780, -2.9340, -1.8940



131.0540, -0.0920, 1.6680



130.9080, 3.2550, 1.5830

Sweetspot

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



129.9460, 0.0920, -1.6680



170.4730, 0.0460, -0.8340



129.3700, 1.8340, -0.1980



86.5870, -0.2750, -0.5230



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



129.9460, 0.0920, -1.6680



169.0060, -0.1370, -3.0250



129.3480, -1.1000, -2.0920



65.3590, 0.3670, -1.1450



95.7450, 2.9900, -54.2100



2.0600, -0.2290, -1.3570

Inverse Universe

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



128.0540, -0.0920, 1.6680



165.6950, -0.4590, 2.8130



128.6520, 1.1000, 2.0920



63.9400, 0.2290, 1.3570



34.2550, -2.9900, 54.2100



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 129.9460, 0.0920, -1.6680 looks on a white background.

Color Contrast Check

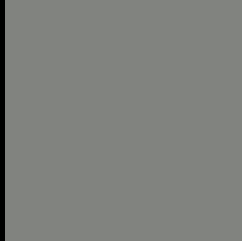
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.9460, 0.0920, -1.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

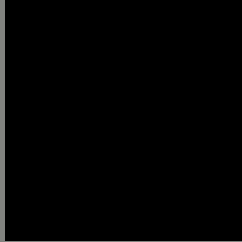
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.9460, 0.0920, -1.6680

Background



This preview shows how black text looks on a background with the YIQ color 129.9460, 0.0920, -1.6680.



This preview shows how white text looks on a background with the YIQ color 129.9460, 0.0920,

-1.6680.

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

129.9460, 0.0920, -1.6680

Protanopia

130.4410, 3.0720, -0.6080

Deuteranopia

131.6100, 10.0860, 4.4380



Tritanopia

130.7380, -2.0180, 3.5340

Trichromacy



Original Color

129.9460, 0.0920, -1.6680

Protanomaly

130.1420, 2.4760, -0.8200

Deuteranomaly

131.2890, 6.5560, 2.3320

Tritanomaly

130.5700, -1.6050, 1.5550

Monochromacy



Original Color

129.9460, 0.0920, -1.6680

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8860, 0.3210, -0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9460, 0.0920, -1.6680 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(129, 131, 127)` looks like.

```
.text, #text, p{  
    color:rgb(129, 131, 127)  
}
```

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(129, 131, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 131, 127) }
```

Border

The CSS property to change the border of an element to YIQ 129.9460, 0.0920, -1.6680 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(129, 131, 127) }
```


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

```
.border{ border-color:rgb(129, 131, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 131, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 131, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 131, 127);  
box-shadow:4px 4px 4px 4px rgb(129, 131,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9460, 0.0920, -1.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 131, 127) }
```

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

```
.background{ background-color: rgb(129,  
131, 127) }
```

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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