

Converting Colors

YIQ(129.4670, 0.1830, 2.1910)

Have a look what the booklet for
YIQ(129.4670, 0.1830, 2.1910)
contains.

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Color

**YIQ(129.4670, 0.1830,
2.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	838085
RGB	131, 128, 133
RGB Percent	51%, 50%, 52%
CMY	0.4863, 0.4980, 0.4784
CMYK	0.02, 0.04, 0.00, 0.48
HSL	276°, 2%, 51%
HSV	276°, 4%, 52%
XYZ	21.3131, 21.9570, 25.3048
YIQ	129.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

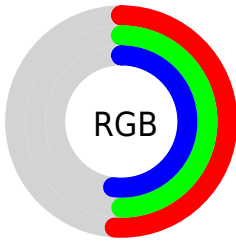
Format	Color
R_{YB}	131, 128, 133
Decimal	8618117
CIE Lab	53.98, 2.12, -2.31
CIE LCh	54, 3.134, 312.621
Yxy	21.9570, 0.3108, 0.3202
Android (android.graphics.Color)	4286808197 (0xFF838085)
YUV	129.4670, 1.7418, 1.3444
Hunter-Lab	46.8582, -0.8128, 0.7825

Details

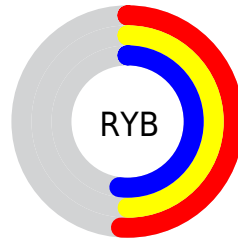
The YIQ color $129.4670, 0.1830, 2.1910$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $131.5330, -0.1830, -2.1910$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.4670, 0.1830, 2.1910$, and $80.4670, 0.1830, 2.1910$ is the 20% darker color. If you saturate the color by 10%, you get $120.3410, 0.7780, 7.9300$, and if you desaturate by 10%, it is $138.5930, -0.4120, -3.5480$.

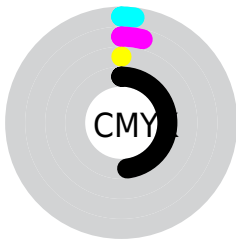
Distribution



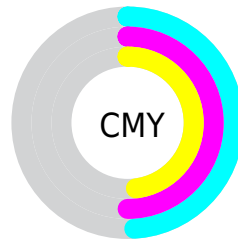
- Red (51%)
- Green (50%)
- Blue (52%)



- Red (51%)
- Yellow (50%)
- Blue (52%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.4670, 0.1830, 2.1910 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 129.4670, 0.1830, 2.1910 by changing the saturation by 10% instead.

■ 129.4670, 0.1830,
2.1910

■ 129.4670, 0.1830,
2.1910

255.0000, -0.0000,
-0.0000

■ 104.4670, 0.1830,
2.1910

■ 182.4670, 0.1830,
2.1910

■ 80.4670, 0.1830,
2.1910

■ 209.8800, 0.4580,
2.7140

■ 57.3530, 0.5040,
1.8800

■ 238.4670, 0.1830,
2.1910

■ 36.0540, -0.0920,
1.6680

■ 14.4670, 0.1830,
2.1910

■ 0.0000, 0.0000,
0.0000

■ 129.4670, 0.1830,
2.1910

■ 129.4670, 0.1830,
2.1910

■ 120.3410, 0.7780,
7.9300

■ 138.5930, -0.4120,
-3.5480

■ 110.3290, 1.0520,
13.9800

■ 148.6050, -0.6860,
-9.5980

■ 101.2030, 1.6470,
19.7190

■ 157.7310, -1.2810,
-15.3370

■ 92.0770, 2.2420,
25.4580

■ 166.8570, -1.8760,
-21.0760

■ 82.6520, 2.2410,
30.9850

■ 176.8690, -2.1500,
-27.1260

■ 72.9390, 3.1110,
37.2470

■ 185.9950, -2.7450,
-32.8650

■ 63.8130, 3.7060,
42.9860

■ 195.1210, -3.3400,
-38.6040

■ 54.6870, 4.3010,

■ 204.5460, -3.3390,

48.7250

-44.1310

■ 44.6750, 4.5750,
54.7750

■ 214.2590, -4.2090,
-50.3930

Harmonies

Analogous

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



129.2710, -2.2010, 1.3430



129.4670, 0.1830, 2.1910



129.5490, 2.8880, 2.7280

Triad

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



129.4670, 0.1830, 2.1910



129.0390, 4.2640, -0.1840



128.4940, -4.4470, -2.0070

Complementary

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



129.4670, 0.1830, 2.1910



131.5330, -0.1830, -2.1910

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.



128.4510, -2.8880, -2.7280



129.4670, 0.1830, 2.1910



128.7290, 2.2010, -1.3430

Square

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



129.4670, 0.1830, 2.1910



129.7510, 5.1350, 0.5510



128.5330, -0.1830, -2.1910



128.2490, -5.1350, -0.5510

Rectangle

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



129.4670, 0.1830, 2.1910



129.6200, 4.1260, 2.3180



128.5330, -0.1830, -2.1910



128.3800, -4.1260, -2.3180

Sweetspot

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



129.4670, 0.1830, 2.1910



172.4130, 0.2750, 0.5230



129.7440, -2.1550, 0.5090



86.1140, -0.3210, 0.3110



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.



129.4670, 0.1830, 2.1910



167.4070, 0.4120, 3.5480



130.0650, 1.3750, 2.6150



63.3530, 0.5040, 1.8800



38.1420, 4.7580, 56.9660



0.9400, 0.2290, 1.3570

Inverse Universe

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



129.7230, 2.3380, 1.6820



167.7340, 3.8050, 2.6290



131.0490, -1.6960, -2.3040



63.4240, 1.7420, 1.4700



44.7980, 60.7880, 43.7320



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 129.4670, 0.1830, 2.1910 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 129.4670, 0.1830, 2.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

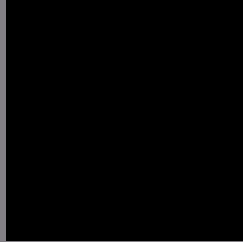
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.4670, 0.1830, 2.1910

Background



This preview shows how black text looks on a background with the YIQ color 129.4670, 0.1830, 2.1910.



This preview shows how white text looks on a background with the YIQ color 129.4670, 0.1830,

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

129.4670, 0.1830, 2.1910

Protanopia

129.1680, -0.4130, 1.9790

Deuteranopia

130.2120, 5.4550, 5.7670



Tritanopia

129.6350, -0.2300, 4.1700

Trichromacy



Original Color

129.4670, 0.1830, 2.1910

Protanomaly

129.1680, -0.4130, 1.9790

Deuteranomaly

129.9020, 3.3920, 4.6080

Tritanomaly

129.5210, 0.0910, 3.8590

Monochromacy



Original Color

129.4670, 0.1830, 2.1910

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.4130, 0.2750, 0.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4670, 0.1830, 2.1910 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(131, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 128, 133)  
}
```

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(131, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 128, 133) }
```

Border

The CSS property to change the border of an element to YIQ 129.4670, 0.1830, 2.1910 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(131, 128, 133) }
```


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

```
.border{ border-color:rgb(131, 128, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 128, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 128, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 128,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4670, 0.1830, 2.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 128, 133) }
```

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

```
.background{ background-color: rgb(131,  
128, 133) }
```

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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