

Converting Colors

YIQ(170.9030, 18.8460,
-11.1540)

Have a look what the booklet for
YIQ(170.9030, 18.8460, -11.1540)
contains.

YIQ(170.9030, 18.8460, -11.1540)	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(170.9030, 18.8460,
-11.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AD83
RGB	182, 173, 131
RGB Percent	71%, 68%, 51%
CMY	0.2863, 0.3216, 0.4862
CMYK	0.00, 0.05, 0.28, 0.29
HSL	49°, 26%, 61%
HSV	49°, 28%, 71%
XYZ	38.3325, 41.4700, 27.4666
YIQ	170.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

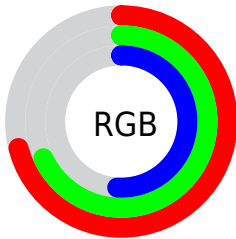
Format	Color
RYB	142, 182, 131
Decimal	11971971
CIELab	70.50, -3.45, 22.77
CIELCh	71, 23.034, 98.610
Yxy	41.4700, 0.3573, 0.3866
Android (android.graphics.Color)	4290162051 (0xFFB6AD83)
YUV	170.9030, -19.6722, 9.7321
Hunter-Lab	64.3972, -6.4428, 19.7897

Details

The YIQ color **170.9030, 18.8460, -11.1540** is a light color, and the websafe version is hex **999966**. A complement of this color would be **142.0970, -18.8460, 11.1540**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9740, 20.0840, -11.5640**, and **118.5330, 17.0120, -10.9560** is the 20% darker color. If you saturate the color by 10%, you get **167.0900, 25.4490, -15.1830**, and if you desaturate by 10%, it is **174.7160, 12.2430, -7.1250**.

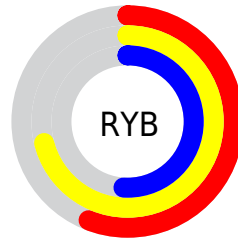
Distribution



Red (71%)

Green (68%)

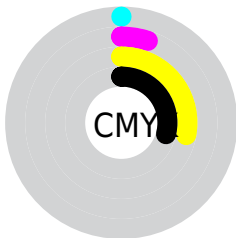
Blue (51%)



Red (56%)

Yellow (71%)

Blue (51%)

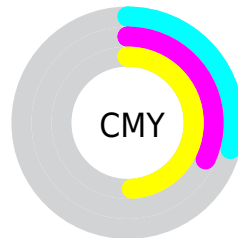


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9030, 18.8460, -11.1540 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 170.9030, 18.8460, -11.1540 by changing the saturation by 10% instead.

■ 170.9030, 18.8460,
-11.1540

■ 170.9030, 18.8460,
-11.1540

255.0000, -0.0000,
-0.0000

■ 144.1310, 18.2040,
-10.5320

■ 225.9740, 20.0840,
-11.5640

■ 118.5330, 17.0120,
-10.9560

■ 250.0980, 13.8030,
-13.3730

■ 93.7610, 16.3700,
-10.3340

■ 253.2900, 4.8150,
-4.6650

■ 69.6900, 15.1320,
-9.9240

■ 47.0920, 13.9400,
-10.3480

■ 26.8900, 11.6930,
-8.1710

■ 1.7610, -0.8250,

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 170.9030, 18.8460,
-11.1540

■ 170.9030, 18.8460,
-11.1540

■ 167.0900, 25.4490,
-15.1830

■ 174.7160, 12.2430,
-7.1250

■ 163.2770, 32.0520,
-19.2120

■ 178.5290, 5.6400,
-3.0960

■ 158.7630, 39.2510,
-23.0290

■ 183.0430, -1.5590,
0.7210

■ 154.9500, 45.8540,
-27.0580

■ 186.8560, -8.1620,
4.7500

■ 151.1370, 52.4570,
-31.0870

■ 190.6690,
-14.7650, 8.7790

■ 147.3240, 59.0600,
-35.1160

■ 194.4820,
-21.3680, 12.8080

■ 143.5110, 65.6630,
-39.1450

■ 197.9530,
-27.0080, 15.9040

■ 142.4680, 67.2220,
-39.8660

■ 200.3010,
-28.1080, 13.8120

■ 202.0620,
-28.9330, 12.2430

Harmonies

Analogous

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



172.8170, 31.1320, -2.5320



170.9030, 18.8460, -11.1540



168.4600, 0.9200, -16.6800

Triad

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



170.9030, 18.8460, -11.1540



164.0790, -45.9390, -9.9630



176.0600, 18.1070, 18.7710

Complementary

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



170.9030, 18.8460, -11.1540



142.0970, -18.8460, 11.1540

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.



175.2410, -1.5160, 16.4680



170.9030, 18.8460, -11.1540



167.6980, -40.0720, -0.6480

Square

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



170.9030, 18.8460, -11.1540



163.2830, -38.0060, -16.0700



172.0040, -23.0180, 9.6700



175.4820, 31.3580, 15.4060

Rectangle

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



170.9030, 18.8460, -11.1540



166.6910, -12.9720, -18.2200



172.0040, -23.0180, 9.6700



176.2380, 11.7340, 18.6300

Sweetspot

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



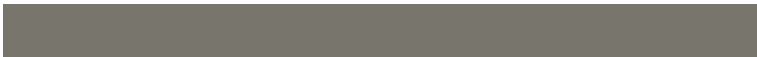
170.9030, 18.8460, -11.1540



233.0730, 6.9240, -4.3400



147.2750, 27.5070, 13.6110



117.4580, 4.4020, -2.6860



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



170.9030, 18.8460, -11.1540



219.6620, 29.5300, -17.5580



171.4020, 6.8350, -19.2530



89.8000, 3.4390, -1.7530



121.7800, 57.7760, -33.8720



21.8730, 10.3630, -6.0930

Inverse Universe

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



142.0970, -18.8460, 11.1540



174.3380, -29.5300, 17.5580



141.5980, -6.8350, 19.2530



84.6130, -3.1640, 2.2760



33.6330, -57.5010, 34.3950



6.1270, -10.3630, 6.0930

Previews

White Background



This preview shows how the YIQ color 170.9030, 18.8460, -11.1540 looks on a white background.

Color Contrast Check

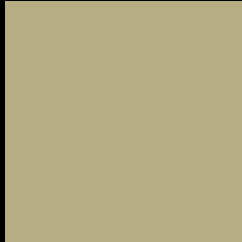
Large Text (above 18pt) WCAG AA × Fail

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 170.9030, 18.8460, -11.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

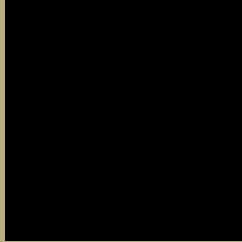
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.9030, 18.8460, -11.1540

Background



This preview shows how black text looks on a background with the YIQ color 170.9030, 18.8460, -11.1540.



This preview shows how white text looks on a background with the YIQ color 170.9030, 18.8460,

-11.1540.

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

170.9030, 18.8460, -11.1540

Protanopia

170.9140, 20.3130, -10.2070

Deuteranopia

172.4150, 32.3240, -2.1080



Tritanopia

174.7610, 8.3430, 8.4950

Trichromacy



Original Color

170.9030, 18.8460, -11.1540

Protanomaly

170.6150, 19.7170, -10.4190

Deuteranomaly

171.9690, 27.6480, -5.4720

Tritanomaly

173.2850, 12.3790, 1.4270

Monochromacy



Original Color

170.9030, 18.8460, -11.1540

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9030, 18.8460, -11.1540 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(182, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 131)  
}
```

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(182, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 131) }
```

Border

The CSS property to change the border of an element to YIQ 170.9030, 18.8460, -11.1540 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(182, 173, 131) }
```


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

```
.border{ border-color:rgb(182, 173, 131) }
```

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

Here you see how a box with a 4 pixel rgb(182, 173, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9030, 18.8460, -11.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 131) }
```

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

```
.background{ background-color: rgb(182,  
173, 131) }
```

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