

# Converting Colors

YIQ(179.0130, 6.0120, -31.8760)

Have a look what the booklet for  
YIQ(179.0130, 6.0120, -31.8760)  
contains.

<b>YIQ(179.0130, 6.0120, -31.8760)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(179.0130, 6.0120,  
-31.8760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5C676
RGB	165, 198, 118
RGB Percent	65%, 78%, 46%
CMY	0.3531, 0.2235, 0.5372
CMYK	0.17, 0.00, 0.40, 0.22
HSL	85°, 41%, 62%
HSV	85°, 40%, 78%
XYZ	38.9788, 49.6988, 24.6848
YIQ	179.0130, 6.0120, -31.8760

# Conversions

## Conversions Part 2

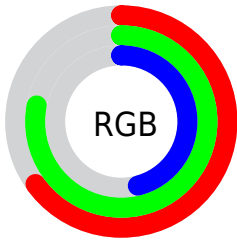
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 198, 151
Decimal	10864246
CIELab	75.88, -24.57, 36.47
CIELCh	76, 43.976, 123.973
Yxy	49.6988, 0.3438, 0.4384
Android (android.graphics.Color)	4289054326 (0xFFA5C676)
YUV	179.0130, -30.0794, -12.2894
Hunter-Lab	70.4973, -24.6757, 28.5876

# Details

The YIQ color **179.0130, 6.0120, -31.8760** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **136.9870, -6.0120, 31.8760**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.2580, 6.7000, -33.3320**, and **125.7680, 5.3240, -30.4200** is the 20% darker color. If you saturate the color by 10%, you get **174.3410, 7.6640, -39.7920**, and if you desaturate by 10%, it is **183.6850, 4.3600, -23.9600**.

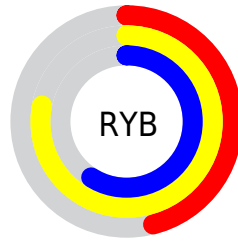
# Distribution



Red (65%)

Green (78%)

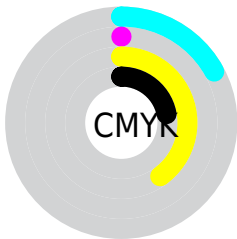
Blue (46%)



Red (46%)

Yellow (78%)

Blue (59%)

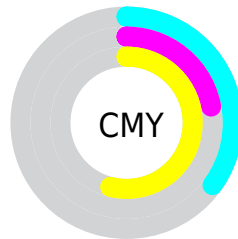


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 179.0130, 6.0120, -31.8760 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 179.0130, 6.0120, -31.8760 by changing the saturation by 10% instead.



■ 179.0130, 6.0120,  
-31.8760

■ 179.0130, 6.0120,  
-31.8760

255.0000, -0.0000,  
-0.0000

■ 152.2410, 5.3700,  
-31.2540

■ 235.2580, 6.7000,  
-33.3320

■ 125.7680, 5.3240,  
-30.4200

■ 247.1210, 14.9960,  
-18.4760

■ 99.9960, 4.6820,  
-29.7980

■ 251.8080, 8.9880,  
-8.7080

■ 74.9960, 4.6820,  
-29.7980

■ 52.1530, 2.8020,  
-28.7660

■ 30.8780, -6.3690,  
-22.2490

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,  
0.0000

■ 179.0130, 6.0120,  
-31.8760

■ 179.0130, 6.0120,  
-31.8760

■ 174.3410, 7.6640,  
-39.7920

■ 183.6850, 4.3600,  
-23.9600

■ 169.6690, 9.3160,  
-47.7080

■ 188.3570, 2.7080,  
-16.0440

■ 164.8120, 10.0510,  
-55.5250


■ 193.2140, 1.9730,  
-8.2270

■ 160.1400, 11.7030,  
-63.4410

■ 197.8860, 0.3210,  
-0.3110


■ 155.4680, 13.3550,  
-71.3570

■ 202.5580, -1.3310,  
7.6050

 150.9100, 14.6860,  
-78.9620

 207.2300, -2.9830,  
15.5210

 211.6740, -3.9930,  
22.8150

 214.0660, 0.7750,  
24.5110

 216.7570, 6.1390,  
26.4190

# Harmonies

## Analogous

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



183.3440, 39.1130, -20.5270



179.0130, 6.0120, -31.8760



171.8200, -35.9850, -36.1850

# Triad

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



179.0130, 6.0120, -31.8760



160.8110, -109.7140, -16.0660



188.0920, 50.6120, 29.9080

# Complementary

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



179.0130, 6.0120, -31.8760



136.9870, -6.0120, 31.8760

# Split Complementary

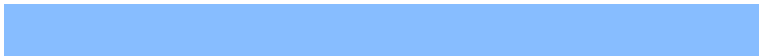
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



192.2870, 28.3740, 36.4540



179.0130, 6.0120, -31.8760



180.3780, -53.3700, 9.0780

# Square

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



179.0130, 6.0120, -31.8760



147.8430, -131.0760, -36.4200



190.2960, -11.3760, 29.9680



186.5810, 61.7560, 15.1640



# Rectangle

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



179.0130, 6.0120, -31.8760



164.1010, -70.5090, -38.2610



190.2960, -11.3760, 29.9680



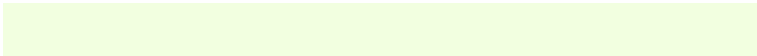
189.6880, 46.1180, 34.2620

# Sweetspot

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



179.0130, 6.0120, -31.8760



247.5790, 2.2030, -12.3970



160.7040, 38.8800, 0.2240



123.5560, 1.0100, -7.2940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

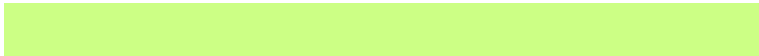


# Same Dimension

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



179.0130, 6.0120, -31.8760



225.8430, 8.7660, -48.7540



167.3520, -17.2320, -40.1440



96.7780, 0.5050, -3.6470



124.3850, 12.3910, -64.8970



27.4110, 2.6160, -14.3760



# Inverse Universe

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



136.9870, -6.0120, 31.8760



161.8580, -9.3620, 48.5420



148.6480, 17.2320, 40.1440



92.2220, -0.5050, 3.6470



38.6150, -12.3910, 64.8970



8.5890, -2.6160, 14.3760



# Previews

## White Background



This preview shows how the YIQ color 179.0130, 6.0120, -31.8760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

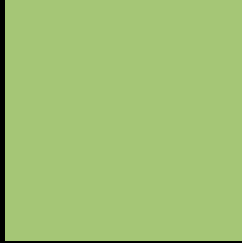
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 179.0130, 6.0120, -31.8760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

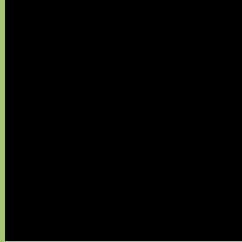
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 179.0130, 6.0120, -31.8760

## Background



This preview shows how black text looks on a background with the YIQ color 179.0130, 6.0120, -31.8760.



This preview shows how white text looks on a background with the YIQ color 179.0130, 6.0120,

-31.8760.

# 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

179.0130, 6.0120, -31.8760

### Protanopia

183.7610, 33.5650, -19.0990

### Deuteranopia

185.3700, 45.3920, -7.6640



## Tritanopia

186.4210, -11.3710, 2.3330

# Trichromacy



## Original Color

179.0130, 6.0120, -31.8760

## Protanomaly

182.0370, 23.8000, -23.8480

## Deuteranomaly

183.0860, 31.2720, -16.0880

## Tritanomaly

184.0390, -4.9040, -10.2480

# Monochromacy



## Original Color

179.0130, 6.0120, -31.8760

## Achromatopsia

179.0000, -0.0000, -0.0000

## Achromatomaly

179.1060, 2.1570, -11.5630

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 179.0130, 6.0120, -31.8760 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(165, 198, 118)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 118)  
}
```

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(165, 198, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 118) }
```

## Border

The CSS property to change the border of an element to YIQ 179.0130, 6.0120, -31.8760 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(165, 198, 118) }
```



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

```
.border{ border-color:rgb(165, 198, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 118);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
118) }
```

# Background

The CSS property to change the background color of an element to YIQ 179.0130, 6.0120, -31.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 118) }
```

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

```
.background{ background-color: rgb(165,  
198, 118) }
```

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