

Converting Colors

YIQ(181.0080, -11.6460, 1.8100)

Have a look what the booklet for
YIQ(181.0080, -11.6460, 1.8100)
contains.

YIQ(181.0080, -11.6460, 1.8100)	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(181.0080, -11.6460,
1.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB7C5
RGB	171, 183, 197
RGB Percent	67%, 72%, 77%
CMY	0.3294, 0.2823, 0.2275
CMYK	0.13, 0.07, 0.00, 0.23
HSL	212°, 18%, 72%
HSV	212°, 13%, 77%
XYZ	43.8044, 46.5570, 59.4922
YIQ	181.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

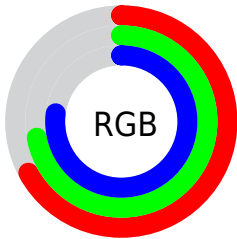
Format	Color
R_{YB}	171, 179, 197
Decimal	11253701
CIE _{Lab}	73.91, -1.31, -8.50
CIE _{LCh}	74, 8.595, 261.246
Yxy	46.5570, 0.2923, 0.3107
Android (android.graphics.Color)	4289443781 (0xFFABB7C5)
YUV	181.0080, 7.8841, -8.7770
Hunter-Lab	68.2327, -4.8127, -3.9322

Details

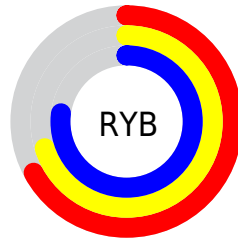
The YIQ color $181.0080, -11.6460, 1.8100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $186.9920, 11.6460, -1.8100$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8230, -12.5630, 1.9090$, and $128.1930, -10.7290, 1.7110$ is the 20% darker color. If you saturate the color by 10%, you get $168.5710, -20.5410, 3.3230$, and if you desaturate by 10%, it is $193.4450, -2.7510, 0.2970$.

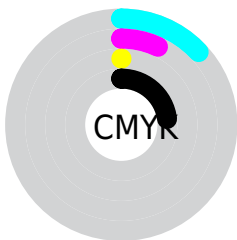
Distribution



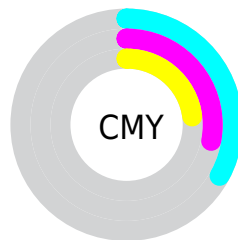
- Red (67%)
- Green (72%)
- Blue (77%)



- Red (67%)
- Yellow (70%)
- Blue (77%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.0080, -11.6460, 1.8100 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 181.0080, -11.6460, 1.8100 by changing the saturation by 10% instead.

■ 181.0080,
-11.6460, 1.8100

■ 181.0080,
-11.6460, 1.8100

■ 255.0000, -0.0000,
-0.0000

■ 154.0080,
-11.6460, 1.8100

■ 236.8230,
-12.5630, 1.9090

■ 128.1930,
-10.7290, 1.7110

■ 103.1930,
-10.7290, 1.7110

■ 79.0790, -10.4080,
1.4000

■ 55.9650, -10.0870,
1.0890

■ 34.2640, -9.4910,
1.3010

■ 12.0680, -11.8750,

0.4530

■ 0.0000, 0.0000,
0.0000

■ 181.0080,
-11.6460, 1.8100

■ 181.0080,
-11.6460, 1.8100

■ 168.5710,
-20.5410, 3.3230

■ 193.4450, -2.7510,
0.2970

■ 157.0200,
-29.1150, 4.5250

■ 204.9960, 5.8230,
-0.9050

■ 144.5830,
-38.0100, 6.0380

■ 217.4330, 14.7180,
-2.4180

■ 132.7330,
-47.1800, 7.0280

■ 229.2830, 23.8880,
-3.4080

■ 120.5950,
-55.4790, 8.7530

■ 237.2350, 23.8430,
-8.1010

■ 108.1580,
-64.3740, 10.2660

■ 243.6920, 20.8180,
-13.8540

■ 96.3080, -73.5440,
11.2560

■ 248.3880, 18.6180,
-18.0380

■ 83.8710, -82.4390,
12.7690

■ 75.8750, -88.2620,
13.6740

Harmonies

Analogous

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



179.7470, -15.4050, -1.6530



181.0080, -11.6460, 1.8100



181.8240, -5.1360, 4.9760

Triad

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



181.0080, -11.6460, 1.8100



183.4640, 13.4330, 4.3530



179.9300, -2.9790, -6.5870

Complementary

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



181.0080, -11.6460, 1.8100



186.9920, 11.6460, -1.8100

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.



180.8770, 4.5400, -5.1880



181.0080, -11.6460, 1.8100



182.7690, 13.8920, 1.5400

Square

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



181.0080, -11.6460, 1.8100



183.7780, 9.6730, 6.4170



181.6930, 11.0500, -2.0220



179.2220, -9.6730, -6.4170

Rectangle

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



181.0080, -11.6460, 1.8100



183.1020, -0.0470, 6.3610



181.6930, 11.0500, -2.0220



180.0120, -0.2740, -6.0500

Sweetspot

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



181.0080, -11.6460, 1.8100



249.0750, -4.5850, 0.4950



187.8580, -11.6440, -9.2440



123.5590, -3.0720, 0.6080



0.0000, 0.0000, 0.0000



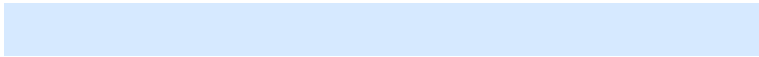
128.0000, -0.0000, -0.0000

Same Dimension

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



181.0080, -11.6460, 1.8100



229.8270, -18.3860, 2.8140



174.2630, -7.7500, 8.2980



93.3740, -3.9890, 0.7070



62.6070, -72.9480, 11.4680



14.0830, -16.2310, 2.3050

Inverse Universe

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



180.1420, 11.6440, 9.2440



228.4250, 18.3370, 14.6010



193.7370, 7.7500, -8.2980



93.1470, 4.0800, 3.1520



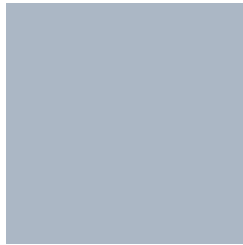
57.2870, 73.0730, 57.8810



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 181.0080, -11.6460, 1.8100 looks on a white background.

Color Contrast Check

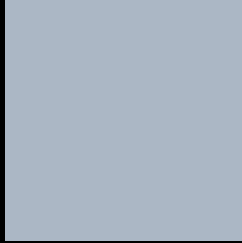
Large Text (above 18pt) WCAG AA × Fail

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 181.0080, -11.6460, 1.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

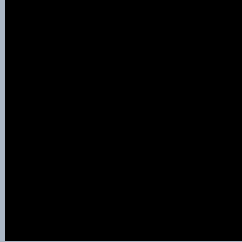
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.0080, -11.6460, 1.8100

Background



This preview shows how black text looks on a background with the YIQ color 181.0080, -11.6460, 1.8100.

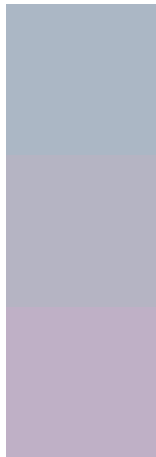


This preview shows how white text looks on a background with the YIQ color 181.0080, -11.6460, 1.8100.

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

181.0080, -11.6460, 1.8100

Protanopia

182.0090, -4.2190, 4.8770

Deuteranopia

182.9930, 1.8780, 10.0220



Tritanopia

181.0080, -11.6460, 1.8100

Trichromacy



Original Color

181.0080, -11.6460, 1.8100

Protanomaly

181.5140, -7.1990, 3.8170

Deuteranomaly

182.6610, -3.1190, 6.9690

Tritanomaly

181.0080, -11.6460, 1.8100

Monochromacy



Original Color

181.0080, -11.6460, 1.8100

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0750, -4.5850, 0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.0080, -11.6460, 1.8100 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(171, 183, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 197)  
}
```

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(171, 183, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 197) }
```

Border

The CSS property to change the border of an element to YIQ 181.0080, -11.6460, 1.8100 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(171, 183, 197) }
```


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

```
.border{ border-color:rgb(171, 183, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 183, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 181.0080, -11.6460, 1.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 197) }
```

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

```
.background{ background-color: rgb(171,  
183, 197) }
```

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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