

Converting Colors

YIQ(181.7810, -12.7450,
-5.8090)

Have a look what the booklet for
YIQ(181.7810, -12.7450, -5.8090)
contains.

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Color

**YIQ(181.7810, -12.7450,
-5.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BDBA
RGB	166, 189, 186
RGB Percent	65%, 74%, 73%
CMY	0.3491, 0.2588, 0.2706
CMYK	0.12, 0.00, 0.02, 0.26
HSL	172°, 15%, 70%
HSV	172°, 12%, 74%
XYZ	42.7842, 48.0494, 53.4670
YIQ	181.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

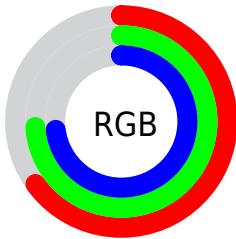
Format	Color
R _Y B	166, 178, 189
Decimal	10927546
CIE Lab	74.86, -8.43, -1.14
CIE LCh	75, 8.504, 187.696
Yxy	48.0494, 0.2965, 0.3330
Android (android.graphics.Color)	4289117626 (0xFFA6BDBA)
YUV	181.7810, 2.0800, -13.8399
Hunter-Lab	69.3177, -11.1325, 2.7901

Details

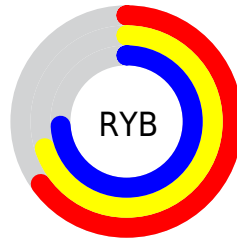
The YIQ color **181.7810, -12.7450, -5.8090** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.2190, 12.7450, 5.8090**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.4820, -13.3410, -6.0210**, and **129.0800, -12.1490, -5.5970** is the 20% darker color. If you saturate the color by 10%, you get **175.8720, -23.4270, -10.4590**, and if you desaturate by 10%, it is **187.6900, -2.0630, -1.1590**.

Distribution



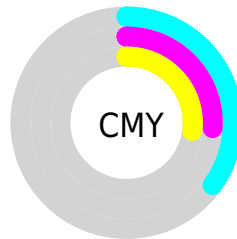
- Red (65%)
- Green (74%)
- Blue (73%)



- Red (65%)
- Yellow (70%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (35%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.7810, -12.7450, -5.8090 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 181.7810, -12.7450, -5.8090 by changing the saturation by 10% instead.

■ 181.7810,
-12.7450, -5.8090

■ 181.7810,
-12.7450, -5.8090

■ 255.0000, -0.0000,
-0.0000

■ 155.0800,
-12.1490, -5.5970

■ 237.4820,
-13.3410, -6.0210

■ 129.0800,
-12.1490, -5.5970

■ 253.5050, -2.9800,
-1.0600

■ 103.4930,
-11.8740, -5.0740

■ 79.4930, -11.8740,
-5.0740

■ 56.6780, -10.9570,
-5.1730

■ 35.0910, -10.6820,
-4.6500

■ 14.3790, -11.5530,

-5.3850

■ 0.0000, 0.0000,
0.0000

■ 181.7810,
-12.7450, -5.8090

■ 181.7810,
-12.7450, -5.8090

■ 175.8720,
-23.4270, -10.4590

■ 187.6900, -2.0630,
-1.1590

■ 169.8490,
-33.7880, -15.4200

■ 193.7130, 8.2980,
3.8020

■ 163.9400,
-44.4700, -20.0700

■ 199.6220, 18.9800,
8.4520

■ 157.9170,
-54.8310, -25.0310

■ 205.6450, 29.3410,
13.4130

■ 152.0080,
-65.5130, -29.6810

■ 209.7600, 36.4470,
16.7910

■ 146.2840,
-75.2780, -34.4300

■ 210.1020, 35.4840,
17.7240

■ 140.3750,
-85.9600, -39.0800

■ 210.3300, 34.8420,
18.3460

■ 134.3520,
-96.3210, -44.0410

■ 210.6720, 33.8790,
19.2790

■ 129.6390,
-104.6190, -47.8430

■ 210.9000, 33.2370,
19.9010

Harmonies

Analogous

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



181.7770, -6.9220, -6.7140



181.7810, -12.7450, -5.8090



181.6930, -15.3130, -3.3210

Triad

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



181.7810, -12.7450, -5.8090



185.5040, -1.2390, 5.9370



184.8180, 12.1960, -0.7640

Complementary

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



181.7810, -12.7450, -5.8090



173.2190, 12.7450, 5.8090

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.



185.7090, 14.1210, 2.8970



181.7810, -12.7450, -5.8090



185.9240, 6.3260, 6.5020

Square

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



181.7810, -12.7450, -5.8090



184.3290, -8.1160, 3.9160



185.9200, 12.1490, 5.5970



183.7850, 7.7950, -3.6050

Rectangle

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



181.7810, -12.7450, -5.8090



182.4590, -14.5340, -0.9180



185.9200, 12.1490, 5.5970



184.9430, 13.3420, 0.4940

Sweetspot

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



181.7810, -12.7450, -5.8090



241.8960, -5.6390, -2.4310



180.3980, -4.5370, -11.3930



120.2060, -3.5760, -1.2720



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



181.7810, -12.7450, -5.8090



233.3670, -20.4470, -9.3990



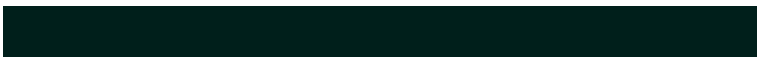
177.4270, -11.5080, -0.6920



91.1950, -5.0430, -2.2190



108.3640, -87.4270, -40.0270



21.2750, -17.1920, -7.8160

Inverse Universe

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



173.2190, 12.7450, 5.8090



219.6330, 20.4470, 9.3990



177.5730, 11.5080, 0.6920



87.8050, 5.0430, 2.2190



49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 181.7810, -12.7450, -5.8090 looks on a white background.

Color Contrast Check

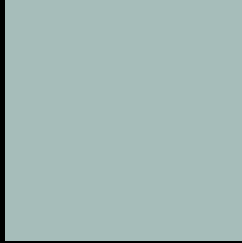
Large Text (above 18pt) WCAG AA × Fail

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 181.7810, -12.7450, -5.8090 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 181.7810, -12.7450, -5.8090

Background



This preview shows how black text looks on a background with the YIQ color 181.7810, -12.7450, -5.8090.



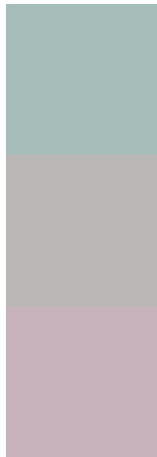
This preview shows how white text looks on a background with the YIQ color 181.7810, -12.7450, -5.8090.

-5.8090.

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

181.7810, -12.7450, -5.8090

Protanopia

184.1960, 2.3840, 0.8480

Deuteranopia

185.7180, 9.9020, 7.7740



Tritanopia

183.2140, -15.2220, 0.5380

Trichromacy



Original Color

181.7810, -12.7450, -5.8090

Protanomaly

183.0920, -3.2550, -1.5830

Deuteranomaly

184.3640, 1.9710, 2.8270

Tritanomaly

182.9320, -14.4880, -1.7520

Monochromacy



Original Color

181.7810, -12.7450, -5.8090

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.0810, -4.7220, -2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.7810, -12.7450, -5.8090 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(166, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 186)  
}
```

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(166, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 186) }
```

Border

The CSS property to change the border of an element to YIQ 181.7810, -12.7450, -5.8090 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(166, 189, 186) }
```


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

```
.border{ border-color:rgb(166, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 181.7810, -12.7450, -5.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 186) }
```

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

```
.background{ background-color: rgb(166,  
189, 186) }
```

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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