

Converting Colors

YIQ(178.1830, -13.9370,
-6.2330)

Have a look what the booklet for
YIQ(178.1830, -13.9370, -6.2330)
contains.

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Color

**YIQ(178.1830, -13.9370,
-6.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BAB7
RGB	161, 186, 183
RGB Percent	63%, 73%, 72%
CMY	0.3687, 0.2705, 0.2824
CMYK	0.13, 0.00, 0.02, 0.27
HSL	173°, 15%, 68%
HSV	173°, 13%, 73%
XYZ	40.8017, 46.1160, 51.5432
YIQ	178.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

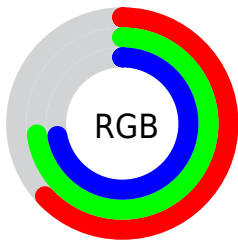
Format	Color
R_{YB}	161, 174, 186
Decimal	10599095
CIE _{Lab}	73.62, -9.12, -1.35
CIE _{LCh}	74, 9.215, 188.444
Yxy	46.1160, 0.2947, 0.3331
Android (android.graphics.Color)	4288789175 (0xFFA1BAB7)
YUV	178.1830, 2.3748, -15.0695
Hunter-Lab	67.9088, -11.5919, 2.5347

Details

The YIQ color **178.1830, -13.9370, -6.2330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.8170, 13.9370, 6.2330**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.8840, -14.5330, -6.4450**, and **125.4820, -13.3410, -6.0210** is the 20% darker color. If you saturate the color by 10%, you get **172.2740, -24.6190, -10.8830**, and if you desaturate by 10%, it is **184.0920, -3.2550, -1.5830**.

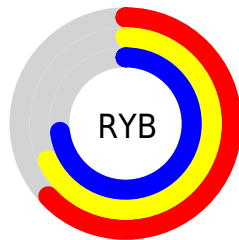
Distribution



Red (63%)

Green (73%)

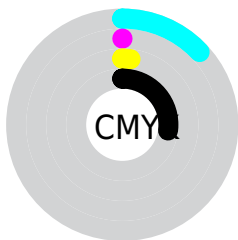
Blue (72%)



Red (63%)

Yellow (68%)

Blue (73%)

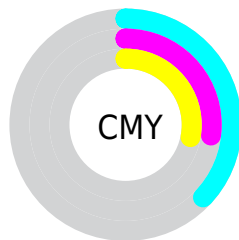


Cyan (13%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (37%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1830, -13.9370, -6.2330 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 178.1830, -13.9370, -6.2330 by changing the saturation by 10% instead.

■ 178.1830,
-13.9370, -6.2330

■ 178.1830,
-13.9370, -6.2330

■ 255.0000, -0.0000,
-0.0000

■ 151.4820,
-13.3410, -6.0210

■ 233.8840,
-14.5330, -6.4450

■ 125.4820,
-13.3410, -6.0210

■ 251.7110, -6.5560,
-2.3320

■ 100.7810,
-12.7450, -5.8090

■ 76.1940, -12.4700,
-5.2860

■ 53.4930, -11.8740,
-5.0740

■ 31.4930, -11.8740,
-5.0740

■ 12.2760, -9.7650,

-4.7490

■ 0.0000, 0.0000,
0.0000

■ 178.1830,
-13.9370, -6.2330

■ 178.1830,
-13.9370, -6.2330

■ 172.2740,
-24.6190, -10.8830

■ 184.0920, -3.2550,
-1.5830

■ 166.5500,
-34.3840, -15.6320

■ 189.7020, 6.8310,
2.8550

■ 160.6410,
-45.0660, -20.2820

■ 195.7250, 17.1920,
7.8160

■ 155.0310,
-55.1520, -24.7200

■ 201.3350, 27.2780,
12.2540

■ 149.1220,
-65.8340, -29.3700

■ 207.2440, 37.9600,
16.9040

■ 143.0990,
-76.1950, -34.3310

■ 207.7710, 37.9140,
17.7380

■ 137.4890,
-86.2810, -38.7690

■ 208.1130, 36.9510,
18.6710

■ 131.5800,
-96.9630, -43.4190

■ 208.3410, 36.3090,
19.2930

■ 127.8780,
-103.7940, -46.2740

■ 208.5690, 35.6670,
19.9150

Harmonies

Analogous

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



178.3640, -7.1970, -7.2370



178.1830, -13.9370, -6.2330



178.5080, -16.2300, -3.2220

Triad

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



178.1830, -13.9370, -6.2330



182.2160, -0.3680, 6.6720



181.3020, 13.7090, -0.6510

Complementary

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



178.1830, -13.9370, -6.2330



168.8170, 13.9370, 6.2330

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.



182.3070, 15.3130, 3.3210



178.1830, -13.9370, -6.2330



182.6360, 7.1970, 7.2370

Square

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



178.1830, -13.9370, -6.2330



181.0300, -8.7120, 3.7040



182.6320, 13.0200, 6.3320



180.2580, 7.8410, -4.4390

Rectangle

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



178.1830, -13.9370, -6.2330



178.9750, -16.0470, -1.0310



182.6320, 13.0200, 6.3320



181.5410, 14.5340, 0.9180

Sweetspot

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



178.1830, -13.9370, -6.2330



239.1950, -5.0430, -2.2190



176.5720, -5.0870, -12.4390



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.



178.1830, -13.9370, -6.2330



229.8830, -21.9600, -9.5120



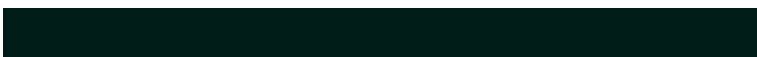
173.2420, -12.4250, -0.5930



89.1950, -5.0430, -2.2190



107.1900, -86.8770, -38.9810



19.2860, -15.7250, -6.8690

Inverse Universe

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



168.8170, 13.9370, 6.2330



215.2310, 21.6390, 9.8230



173.7580, 12.4250, 0.5930



85.8050, 5.0430, 2.2190



48.8100, 86.8770, 38.9810



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 178.1830, -13.9370, -6.2330 looks on a white background.

Color Contrast Check

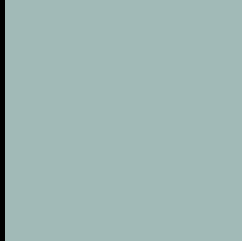
Large Text (above 18pt) WCAG AA × Fail

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 178.1830, -13.9370, -6.2330 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 178.1830, -13.9370, -6.2330

Background



This preview shows how black text looks on a background with the YIQ color 178.1830, -13.9370, -6.2330.



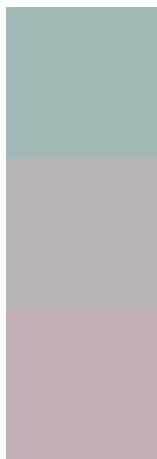
This preview shows how white text looks on a background with the YIQ color 178.1830, -13.9370, -6.2330.

-6.2330.

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

178.1830, -13.9370, -6.2330

Protanopia

181.0820, 2.7050, 0.5370

Deuteranopia

182.4190, 9.3060, 7.5620



Tritanopia

179.6160, -16.4140, 0.1140

Trichromacy



Original Color

178.1830, -13.9370, -6.2330

Protanomaly

179.9780, -2.9340, -1.8940

Deuteranomaly

180.7660, 0.7790, 2.4030

Tritanomaly

179.3340, -15.6800, -2.1760

Monochromacy



Original Color

178.1830, -13.9370, -6.2330

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.1950, -5.0430, -2.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1830, -13.9370, -6.2330 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(161, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(161, 186, 183)  
}
```

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(161, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 186, 183) }
```

Border

The CSS property to change the border of an element to YIQ 178.1830, -13.9370, -6.2330 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(161, 186, 183) }
```


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

```
.border{ border-color:rgb(161, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(161, 186,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1830, -13.9370, -6.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 186, 183) }
```

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

```
.background{ background-color: rgb(161,  
186, 183) }
```

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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