

Converting Colors

YIQ(170.1830, -13.9370,
-6.2330)

Have a look what the booklet for
YIQ(170.1830, -13.9370, -6.2330)
contains.

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Color

**YIQ(170.1830, -13.9370,
-6.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	99B2AF
RGB	153, 178, 175
RGB Percent	60%, 70%, 69%
CMY	0.4001, 0.3019, 0.3138
CMYK	0.14, 0.00, 0.02, 0.30
HSL	173°, 14%, 65%
HSV	173°, 14%, 70%
XYZ	36.7929, 41.7104, 46.6622
YIQ	170.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

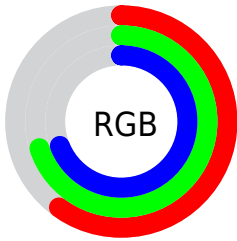
Format	Color
RYB	153, 166, 178
Decimal	10072751
CIELab	70.67, -9.18, -1.36
CIELCh	71, 9.280, 188.396
Yxy	41.7104, 0.2940, 0.3332
Android (android.graphics.Color)	4288262831 (0xFF99B2AF)
YUV	170.1830, 2.3748, -15.0695
Hunter-Lab	64.5836, -11.3307, 2.3709

Details

The YIQ color $170.1830, -13.9370, -6.2330$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $160.8170, 13.9370, 6.2330$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.7700, -14.2120, -6.7560$, and $117.8950, -13.0660, -5.4980$ is the 20% darker color. If you saturate the color by 10%, you get $164.5730, -24.0230, -10.6710$, and if you desaturate by 10%, it is $175.7930, -3.8510, -1.7950$.

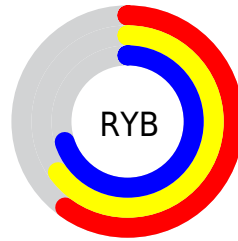
Distribution



Red (60%)

Green (70%)

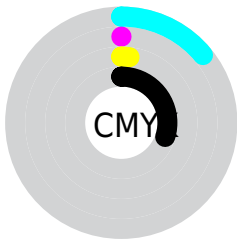
Blue (69%)



Red (60%)

Yellow (65%)

Blue (70%)

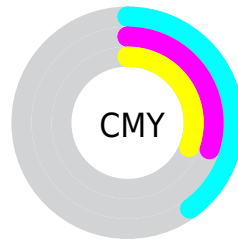


Cyan (14%)

Magenta (0%)

Yellow (2%)

Black (30%)



Cyan (40%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.1830, -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 170.1830, -13.9370, -6.2330 by changing the saturation by 10% instead.

■ 170.1830,
-13.9370, -6.2330

■ 170.1830,
-13.9370, -6.2330

■ 255.0000, -0.0000,
-0.0000

■ 143.4820,
-13.3410, -6.0210

■ 225.7700,
-14.2120, -6.7560

■ 117.8950,
-13.0660, -5.4980

■ 249.3190,
-11.3240, -4.0280

■ 92.8950, -13.0660,
-5.4980

■ 69.1940, -12.4700,
-5.2860

■ 47.0800, -12.1490,
-5.5970

■ 25.4930, -11.8740,
-5.0740

■ 3.6190, -3.3010,

-0.7490

■ 0.0000, 0.0000,
0.0000

■ 170.1830,
-13.9370, -6.2330

■ 170.1830,
-13.9370, -6.2330

■ 164.5730,
-24.0230, -10.6710

■ 175.7930, -3.8510,
-1.7950

■ 158.9630,
-34.1090, -15.1090

■ 181.4030, 6.2350,
2.6430

■ 153.6520,
-43.5990, -19.3350

■ 186.7140, 15.7250,
6.8690

■ 147.9280,
-53.3640, -24.0840

■ 192.4380, 25.4900,
11.6180

■ 142.3180,
-63.4500, -28.5220

■ 198.0480, 35.5760,
16.0560

■ 136.7080,
-73.5360, -32.9600

■ 202.1630, 42.6820,
19.4340

■ 131.0980,
-83.6220, -37.3980

■ 202.3910, 42.0400,
20.0560

■ 125.7870,
-93.1120, -41.6240

■ 202.6190, 41.3980,
20.6780

■ 122.2700,
-99.0260, -44.5780

■ 202.8470, 40.7560,
21.3000

Harmonies

Analogous

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



170.3640, -7.1970, -7.2370



170.1830, -13.9370, -6.2330



170.5080, -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.



170.1830, -13.9370, -6.2330



174.2160, -0.3680, 6.6720



173.3020, 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.



170.1830, -13.9370, -6.2330



160.8170, 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.



174.3070, 15.3130, 3.3210



170.1830, -13.9370, -6.2330



174.6360, 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.



170.1830, -13.9370, -6.2330



173.0300, -8.7120, 3.7040



174.6320, 13.0200, 6.3320



172.2580, 7.8410, -4.4390

Rectangle

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



170.1830, -13.9370, -6.2330



170.9750, -16.0470, -1.0310



174.6320, 13.0200, 6.3320



173.5410, 14.5340, 0.9180

Sweetspot

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



170.1830, -13.9370, -6.2330



229.1950, -5.0430, -2.2190



168.5720, -5.0870, -12.4390



115.2060, -3.5760, -1.2720



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.1830, -13.9370, -6.2330



219.7690, -21.6390, -9.8230



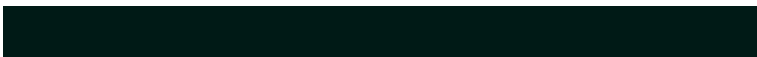
165.2420, -12.4250, -0.5930



86.1950, -5.0430, -2.2190



105.0870, -85.0890, -38.3450



17.7700, -14.2120, -6.7560

Inverse Universe

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



160.8170, 13.9370, 6.2330



205.1170, 21.9600, 9.5120



165.7580, 12.4250, 0.5930



82.8050, 5.0430, 2.2190



47.9130, 85.0890, 38.3450



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 170.1830, -13.9370, -6.2330 looks on a white background.

Color Contrast Check

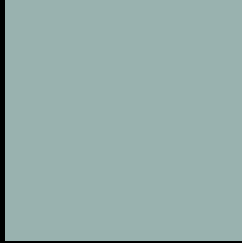
Large Text (above 18pt) WCAG AA × Fail

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 170.1830, -13.9370, -6.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

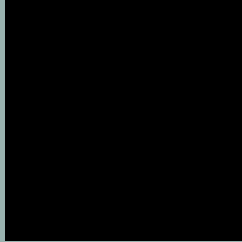
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.1830, -13.9370, -6.2330

Background



This preview shows how black text looks on a background with the YIQ color 170.1830, -13.9370, -6.2330.



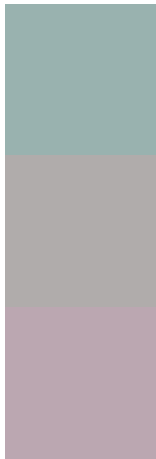
This preview shows how white text looks on a background with the YIQ color 170.1830, -13.9370, -6.2330.

-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

170.1830, -13.9370, -6.2330

Protanopia

173.0820, 2.7050, 0.5370

Deuteranopia

174.1200, 8.7100, 7.3500



Tritanopia

171.6160, -16.4140, 0.1140

Trichromacy



Original Color

170.1830, -13.9370, -6.2330

Protanomaly

171.9780, -2.9340, -1.8940

Deuteranomaly

172.7660, 0.7790, 2.4030

Tritanomaly

171.3340, -15.6800, -2.1760

Monochromacy



Original Color

170.1830, -13.9370, -6.2330

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1950, -5.0430, -2.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1830, -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(153, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(153, 178, 175)  
}
```

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(153, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 178, 175) }
```

Border

The CSS property to change the border of an element to YIQ 170.1830, -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(153, 178, 175) }
```


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

```
.border{ border-color:rgb(153, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(153, 178,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1830, -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(153, 178, 175) }
```

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

```
.background{ background-color: rgb(153,  
178, 175) }
```

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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