

Converting Colors

YIQ(160.8060, -13.8930, 3.9870)

Have a look what the booklet for
YIQ(160.8060, -13.8930, 3.9870)
contains.

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Color

**YIQ(160.8060, -13.8930,
3.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	96A2B7
RGB	150, 162, 183
RGB Percent	59%, 64%, 72%
CMY	0.4118, 0.3647, 0.2824
CMYK	0.18, 0.11, 0.00, 0.28
HSL	218°, 19%, 65%
HSV	218°, 18%, 72%
XYZ	34.0435, 35.7443, 49.8949
YIQ	160.8060, -13.8930, 3.9870

Conversions

Conversions Part 2

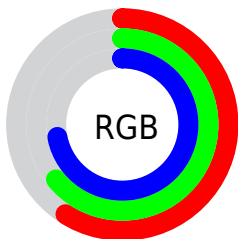
Format	Color
RYB	150, 159, 183
Decimal	9872055
CIELab	66.32, 0.24, -12.25
CIElCh	66, 12.256, 271.133
Yxy	35.7443, 0.2844, 0.2987
Android (android.graphics.Color)	4288062135 (0xFF96A2B7)
YUV	160.8060, 10.9416, -9.4769
Hunter-Lab	59.7865, -2.9852, -7.6300

Details

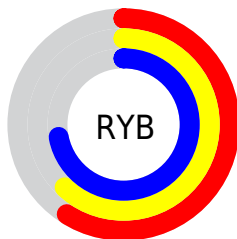
The YIQ color **160.8060, -13.8930, 3.9870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172.1940, 13.8930, -3.9870**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.6210, -14.8100, 4.0860**, and **108.9910, -12.9760, 3.8880** is the 20% darker color. If you saturate the color by 10%, you get **148.3800, -21.3210, 6.4470**, and if you desaturate by 10%, it is **173.2320, -6.4650, 1.5270**.

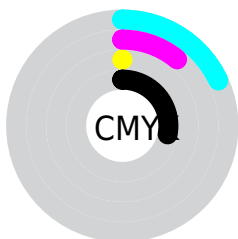
Distribution



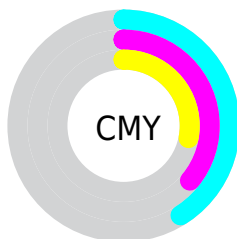
- Red (59%)
- Green (64%)
- Blue (72%)



- Red (59%)
- Yellow (62%)
- Blue (72%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)



- Cyan (41%)
- Magenta (36%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.8060, -13.8930, 3.9870 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 160.8060, -13.8930, 3.9870 by changing the saturation by 10% instead.

■ 160.8060,
-13.8930, 3.9870

■ 160.8060,
-13.8930, 3.9870

■ 255.0000, -0.0000,
-0.0000

■ 134.6920,
-13.5720, 3.6760

■ 215.6210,
-14.8100, 4.0860

■ 108.9910,
-12.9760, 3.8880

■ 242.5520,
-10.3620, 0.5660

■ 84.8770, -12.6550,
3.5770

■ 61.4640, -12.9300,
3.0540

■ 39.3500, -12.6090,
2.7430

■ 18.5240, -13.1590,
1.6970

■ 2.1830, -4.7690,

3.8310

0.0000, 0.0000,
0.0000

160.8060,
-13.8930, 3.9870

160.8060,
-13.8930, 3.9870

148.3800,
-21.3210, 6.4470

173.2320, -6.4650,
1.5270

136.2420,
-29.6200, 8.1720

185.3700, 1.8340,
-0.1980

123.8160,
-37.0480, 10.6320

197.7960, 9.2620,
-2.6580

111.3900,
-44.4760, 13.0920

210.2220, 16.6900,
-5.1180

99.5510, -52.1790,
15.0290

222.0610, 24.3930,
-7.0550

■ 86.8260, -60.2030,
17.2770

■ 233.2910, 29.4370,
-10.3630

■ 74.9870, -67.9060,
19.2140

■ 239.7480, 26.4120,
-16.1160

■ 62.5610, -75.3340,
21.6740

■ 246.7920, 23.1120,
-22.3920

■ 60.1910, -77.1680,
21.8720

Harmonies

Analogous

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



158.6370, -20.9070, -1.0590



160.8060, -13.8930, 3.9870



162.3020, -3.4860, 8.1140

Triad

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



160.8060, -13.8930, 3.9870



162.8130, 19.7600, 5.3280



158.4840, -7.6550, -9.9510

Complementary

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



160.8060, -13.8930, 3.9870



172.1940, 13.8930, -3.9870

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.



159.3990, 2.8900, -8.3260



160.8060, -13.8930, 3.9870



162.1670, 18.5230, 0.2110

Square

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



160.8060, -13.8930, 3.9870



163.7680, 15.6330, 8.5370



161.1830, 12.4260, -4.9340



157.6340, -16.8250, -8.9610

Rectangle

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



160.8060, -13.8930, 3.9870



163.2490, 4.0330, 9.5130



161.1830, 12.4260, -4.9340



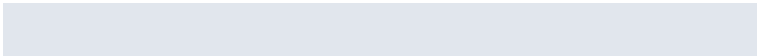
158.7510, -4.0330, -9.5130

Sweetspot

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



160.8060, -13.8930, 3.9870



229.3030, -5.2270, 1.1170



171.7650, -15.8160, -10.7280



114.9720, -2.7970, 1.1310



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



160.8060, -13.8930, 3.9870



202.0810, -21.9170, 6.2350



154.9580, -8.2090, 11.1110



85.7870, -3.7140, 1.2300



51.2430, -65.7510, 18.7050



9.0620, -11.7380, 3.4780

Inverse Universe

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



161.2350, 15.8160, 10.7280



202.7140, 24.8930, 16.9330



178.0420, 8.2090, -11.1110



86.0330, 4.4010, 2.8410



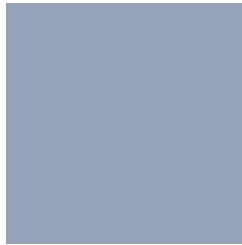
53.1420, 74.6790, 50.7990



9.5120, 13.4780, 9.0460

Previews

White Background



This preview shows how the YIQ color 160.8060, -13.8930, 3.9870 looks on a white background.

Color Contrast Check

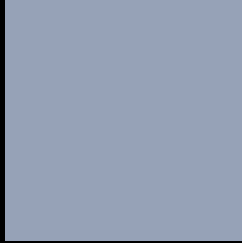
Large Text (above 18pt) WCAG AA × Fail

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 160.8060, -13.8930, 3.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

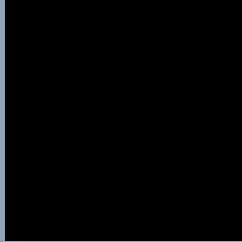
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

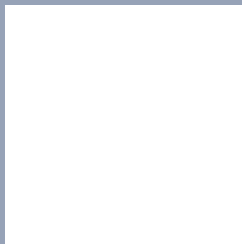
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 160.8060, -13.8930, 3.9870

Background



This preview shows how black text looks on a background with the YIQ color 160.8060, -13.8930, 3.9870.



This preview shows how white text looks on a background with the YIQ color 160.8060, -13.8930,

3.9870.

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

160.8060, -13.8930, 3.9870

Protanopia

161.9100, -8.2540, 6.4180

Deuteranopia

162.7690, -3.3030, 10.3050



Tritanopia

160.2960, -12.5170, 1.0750

Trichromacy



Original Color

160.8060, -13.8930, 3.9870

Protanomaly

161.6000, -10.3170, 5.2590

Deuteranomaly

162.1490, -7.4290, 7.9870

Tritanomaly

160.6380, -13.4800, 2.0080

Monochromacy



Original Color

160.8060, -13.8930, 3.9870

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

160.7160, -4.9520, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.8060, -13.8930, 3.9870 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(150, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 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(150, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 183) }
```

Border

The CSS property to change the border of an element to YIQ 160.8060, -13.8930, 3.9870 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(150, 162, 183) }
```


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

```
.border{ border-color:rgb(150, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 183);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 160.8060, -13.8930, 3.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 183) }
```

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

```
.background{ background-color: rgb(150,  
162, 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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