

Converting Colors

YIQ(180.8770, -13.7960,
-25.3160)

Have a look what the booklet for
YIQ(180.8770, -13.7960, -25.3160)
contains.

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Color

**YIQ(180.8770, -13.7960,
-25.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	98C999
RGB	152, 201, 153
RGB Percent	60%, 79%, 60%
CMY	0.4041, 0.2117, 0.4000
CMYK	0.24, 0.00, 0.24, 0.21
HSL	121°, 31%, 69%
HSV	121°, 24%, 79%
XYZ	39.5827, 50.7544, 37.8454
YIQ	180.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

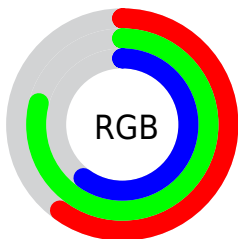
Format	Color
RYB	152, 200, 201
Decimal	10013081
CIELab	76.53, -25.45, 18.91
CIElCh	77, 31.708, 143.380
Yxy	50.7544, 0.3088, 0.3960
Android (android.graphics.Color)	4288203161 (0xFF98C999)
YUV	180.8770, -13.7434, -25.3251
Hunter-Lab	71.2421, -25.4976, 18.3733

Details

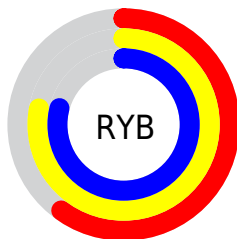
The YIQ color **180.8770, -13.7960, -25.3160** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172.1230, 13.7960, 25.3160**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1760, -13.2000, -25.1040**, and **127.8170, -13.5670, -23.9590** is the 20% darker color. If you saturate the color by 10%, you get **172.6170, -19.2960, -35.7760**, and if you desaturate by 10%, it is **189.1370, -8.2960, -14.8560**.

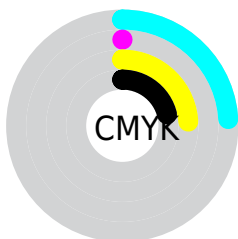
Distribution



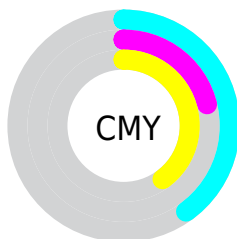
- Red (60%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)



- Cyan (40%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.8770, -13.7960, -25.3160 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 180.8770, -13.7960, -25.3160 by changing the saturation by 10% instead.

■ 180.8770,
-13.7960, -25.3160

■ 180.8770,
-13.7960, -25.3160

■ 255.0000, -0.0000,
-0.0000

■ 153.9910,
-14.1170, -25.0050

■ 235.1760,
-13.2000, -25.1040

■ 127.8170,
-13.5670, -23.9590

■ 247.1530, -5.2250,
-9.9370

■ 102.3440,
-13.6130, -23.1250

■ 77.4580, -13.9340,
-22.8140

■ 53.6860, -14.5760,
-22.1920

■ 30.0170, -17.0060,
-22.2060

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 180.8770,
-13.7960, -25.3160

■ 180.8770,
-13.7960, -25.3160

■ 172.6170,
-19.2960, -35.7760

■ 189.1370, -8.2960,
-14.8560

■ 164.4710,
-25.1170, -45.9250

■ 197.2830, -2.4750,
-4.7070

■ 156.2110,
-30.6170, -56.3850

■ 205.5430, 3.0250,
5.7530

■ 147.9510,
-36.1170, -66.8450

■ 213.8030, 8.5250,
16.2130

■ 139.5060,
-42.5340, -77.2060

■ 221.9490, 14.3460,
26.3620

■ 131.2460,
-48.0340, -87.6660

■ 223.3020, 14.8500,
28.2420

■ 122.9860,
-53.5340, -98.1260

■ 118.4430,
-56.5590, -103.8790

Harmonies

Analogous

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



184.7680, 14.4920, -20.3560



180.8770, -13.7960, -25.3160



176.5500, -43.5520, -25.6960

Triad

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



180.8770, -13.7960, -25.3160



184.0810, -48.2800, 4.9360



191.8060, 48.0010, 16.6490

Complementary

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



180.8770, -13.7960, -25.3160



172.1230, 13.7960, 25.3160

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.



193.4320, 34.7950, 24.7070



180.8770, -13.7960, -25.3160



190.6120, -18.6180, 18.0380

Square

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



180.8770, -13.7960, -25.3160



176.1720, -68.1300, -9.7780



193.4540, 11.3660, 25.3020



190.1890, 47.8200, 3.4040

Rectangle

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



180.8770, -13.7960, -25.3160



173.7470, -60.1040, -23.0800



193.4540, 11.3660, 25.3020



192.3590, 45.0660, 20.2820

Sweetspot

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



180.8770, -13.7960, -25.3160



247.6800, -5.2710, -9.1030



195.1150, 15.1330, -15.4510



123.5710, -3.3460, -5.4420



0.0000, 0.0000, 0.0000



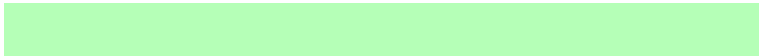
128.0000, -0.0000, -0.0000

Same Dimension

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



180.8770, -13.7960, -25.3160



224.6660, -20.9920, -38.0800



183.6130, -21.5000, -17.8520



95.2830, -2.4750, -4.7070



96.0230, -45.7880, -84.3160



21.2460, -10.2210, -18.5170

Inverse Universe

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



172.1230, 13.7960, 25.3160



211.3340, 20.9920, 38.0800



169.3870, 21.5000, 17.8520



93.7170, 2.4750, 4.7070



66.9770, 45.7880, 84.3160



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 180.8770, -13.7960, -25.3160 looks on a white background.

Color Contrast Check

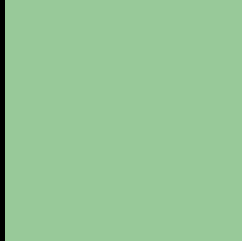
Large Text (above 18pt) WCAG AA × Fail

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 180.8770, -13.7960, -25.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

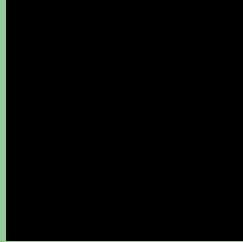
Any Text WCAG AA ✓ Pass

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 180.8770, -13.7960, -25.3160 Background



This preview shows how black text looks on a background with the YIQ color 180.8770, -13.7960, -25.3160.



This preview shows how white text looks on a background with the YIQ color 180.8770, -13.7960,

-25.3160.

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

180.8770, -13.7960, -25.3160

Protanopia

187.2130, 20.9090, -9.9950

Deuteranopia

189.0280, 29.1600, 0.1680



Tritanopia

186.1420, -23.8870, -2.1190

Trichromacy



Original Color

180.8770, -13.7960, -25.3160

Protanomaly

184.9940, 8.1640, -15.8040

Deuteranomaly

185.8470, 13.2520, -8.8920

Tritanomaly

184.4270, -20.6760, -10.7560

Monochromacy



Original Color

180.8770, -13.7960, -25.3160

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.6800, -5.2710, -9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.8770, -13.7960, -25.3160 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(152, 201, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 201, 153)  
}
```

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(152, 201, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 201, 153) }
```

Border

The CSS property to change the border of an element to YIQ 180.8770, -13.7960, -25.3160 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(152, 201, 153) }
```


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

```
.border{ border-color:rgb(152, 201, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 201, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 201, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 201, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 201,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 180.8770, -13.7960, -25.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 201, 153) }
```

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

```
.background{ background-color: rgb(152,  
201, 153) }
```

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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