

Converting Colors

YIQ(159.8700, -21.0860,
-25.3580)

Have a look what the booklet for
YIQ(159.8700, -21.0860, -25.3580)
contains.

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Color

**YIQ(159.8700, -21.0860,
-25.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB68C
RGB	124, 182, 140
RGB Percent	49%, 71%, 55%
CMY	0.5139, 0.2862, 0.4510
CMYK	0.32, 0.00, 0.23, 0.29
HSL	137°, 28%, 60%
HSV	137°, 32%, 71%
XYZ	29.7717, 39.6409, 30.8882
YIQ	159.8700, -21.0860, -25.3580

Conversions

Conversions Part 2

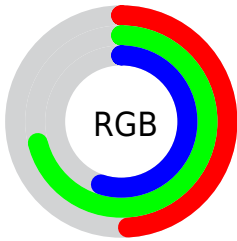
Format	Color
RYB	124, 169, 182
Decimal	8173196
CIELab	69.21, -27.73, 15.51
CIELCh	69, 31.771, 150.789
Yxy	39.6409, 0.2968, 0.3952
Android (android.graphics.Color)	4286363276 (0xFF7CB68C)
YUV	159.8700, -9.7959, -31.4580
Hunter-Lab	62.9610, -25.7763, 14.9854

Details

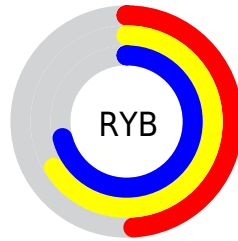
The YIQ color **159.8700, -21.0860, -25.3580** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **146.1300, 21.0860, 25.3580**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0440, -21.6360, -26.4040**, and **107.8100, -20.8570, -24.0010** is the 20% darker color. If you saturate the color by 10%, you get **153.0060, -27.6410, -33.2170**, and if you desaturate by 10%, it is **166.7340, -14.5310, -17.4990**.

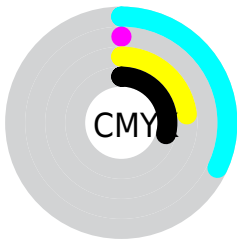
Distribution



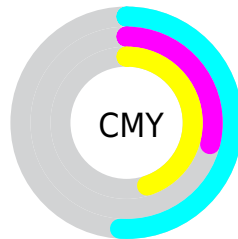
- Red (49%)
- Green (71%)
- Blue (55%)



- Red (49%)
- Yellow (66%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.8700, -21.0860, -25.3580 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 159.8700, -21.0860, -25.3580 by changing the saturation by 10% instead.

■ 159.8700,
-21.0860, -25.3580

■ 159.8700,
-21.0860, -25.3580

■ 255.0000, -0.0000,
-0.0000

■ 133.2830,
-20.8110, -24.8350

■ 215.0440,
-21.6360, -26.4040

■ 107.8100,
-20.8570, -24.0010

■ 236.5870,
-18.6110, -20.6510

■ 82.0380, -21.4990,
-23.3790

■ 248.4500,
-10.3150, -5.7950

■ 57.6680, -23.3330,
-23.1810

■ 35.4940, -22.7830,
-22.1350

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,

0.0000

■ 159.8700,
-21.0860, -25.3580

■ 159.8700,
-21.0860, -25.3580

■ 153.0060,
-27.6410, -33.2170

■ 166.7340,
-14.5310, -17.4990

■ 146.1420,
-34.1960, -41.0760

■ 173.5980, -7.9760,
-9.6400

■ 138.8650,
-41.0260, -49.4580

■ 180.8750, -1.1460,
-1.2580

■ 132.0010,
-47.5810, -57.3170

■ 187.7390, 5.4090,
6.6010

■ 125.1370,
-54.1360, -65.1760

■ 194.6030, 11.9640,
14.4600

■ 118.2730,
-60.6910, -73.0350

■ 201.4670, 18.5190,
22.3190

■ 112.5340,
-66.1000, -79.6360

■ 208.3310, 25.0740,
30.1780

■ 211.0090, 23.2850,
35.0690

■ 212.1490, 20.0750,
38.1790

Harmonies

Analogous

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



164.1200, 7.5690, -21.5430



159.8700, -21.0860, -25.3580



155.0700, -50.8880, -24.9040

Triad

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



159.8700, -21.0860, -25.3580



165.3100, -41.4950, 8.6250



171.3990, 47.5890, 13.1010

Complementary

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



159.8700, -21.0860, -25.3580



146.1300, 21.0860, 25.3580

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.



172.5310, 38.8300, 23.1660



159.8700, -21.0860, -25.3580



171.3850, -10.5490, 20.4830

Square

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



159.8700, -21.0860, -25.3580



156.8350, -65.5630, -6.7390



173.3900, 17.4180, 25.7540



169.8140, 44.3820, -0.3700

Rectangle

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



159.8700, -21.0860, -25.3580



152.4520, -66.5230, -22.3870



173.3900, 17.4180, 25.7540



171.5500, 45.8460, 17.1580

Sweetspot

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



159.8700, -21.0860, -25.3580



227.8860, -8.8470, -10.3750



170.9030, 9.6780, -21.2180



114.2610, -5.4090, -6.6010



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.



159.8700, -21.0860, -25.3580



202.6800, -32.7750, -39.2950



163.0620, -30.0740, -16.6500



88.5110, -3.1170, -4.0850



96.4740, -56.7030, -68.2150



17.3480, -10.2680, -12.1560

Inverse Universe

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



146.1300, 21.0860, 25.3580



181.3200, 32.7750, 39.2950



142.9380, 30.0740, 16.6500



86.3750, 3.4380, 3.7740



59.5260, 56.7030, 68.2150



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 159.8700, -21.0860, -25.3580 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 159.8700, -21.0860, -25.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

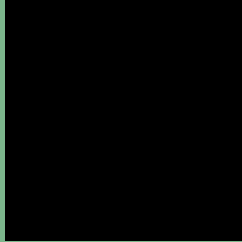
Any Text WCAG AA ✓ Pass

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 159.8700, -21.0860, -25.3580 Background



This preview shows how black text looks on a background with the YIQ color 159.8700, -21.0860, -25.3580.



This preview shows how white text looks on a background with the YIQ color 159.8700, -21.0860, -25.3580.

-25.3580.

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

159.8700, -21.0860, -25.3580

Protanopia

167.2990, 17.7910, -8.5530

Deuteranopia

169.2170, 24.2540, 0.9740



Tritanopia

164.3370, -28.9300, -4.3380

Trichromacy



Original Color

159.8700, -21.0860, -25.3580

Protanomaly

164.5960, 3.5330, -14.4750

Deuteranomaly

165.7370, 7.7500, -8.2980

Tritanomaly

162.8500, -26.3610, -12.3530

Monochromacy



Original Color

159.8700, -21.0860, -25.3580

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0110, -7.7010, -9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8700, -21.0860, -25.3580 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(124, 182, 140)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 140)  
}
```

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(124, 182, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 140) }
```

Border

The CSS property to change the border of an element to YIQ 159.8700, -21.0860, -25.3580 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(124, 182, 140) }
```


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

```
.border{ border-color:rgb(124, 182, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 182, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 140);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8700, -21.0860, -25.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 140) }
```

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

```
.background{ background-color: rgb(124,  
182, 140) }
```

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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