

# Converting Colors

YIQ(171.3170, -17.0100,  
-0.0980)

Have a look what the booklet for  
YIQ(171.3170, -17.0100, -0.0980)  
contains.

<b>YIQ(171.3170, -17.0100, -0.0980)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(171.3170, -17.0100,  
-0.0980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BB0BE
RGB	155, 176, 190
RGB Percent	61%, 69%, 75%
CMY	0.3922, 0.3098, 0.2550
CMYK	0.18, 0.07, 0.00, 0.25
HSL	204°, 21%, 68%
HSV	204°, 18%, 75%
XYZ	38.3347, 41.7385, 54.7396
YIQ	171.3170, -17.0100, -0.0980

# Conversions

## Conversions Part 2

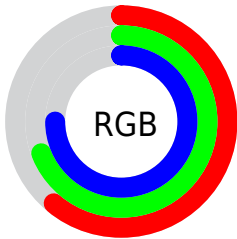
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 168, 190
Decimal	10203326
CIE Lab	70.69, -4.24, -9.56
CIE LCh	71, 10.463, 246.069
Yxy	41.7385, 0.2844, 0.3096
Android (android.graphics.Color)	4288393406 (0xFF9BB0BE)
YUV	171.3170, 9.2107, -14.3100
Hunter-Lab	64.6053, -7.1433, -5.0122

# Details

The YIQ color **171.3170, -17.0100, -0.0980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173.6830, 17.0100, 0.0980**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.0180, -17.6060, -0.3100**, and **119.2030, -16.6890, -0.4090** is the 20% darker color. If you saturate the color by 10%, you get **160.9400, -26.1340, 0.0580**, and if you desaturate by 10%, it is **181.6940, -7.8860, -0.2540**.

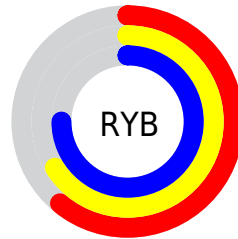
# Distribution



Red (61%)

Green (69%)

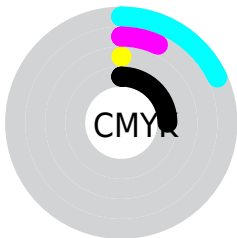
Blue (75%)



Red (61%)

Yellow (66%)

Blue (75%)

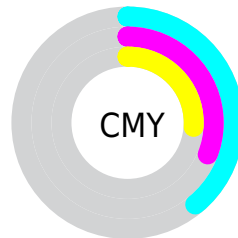


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (31%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3170, -17.0100, -0.0980 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 171.3170, -17.0100, -0.0980 by changing the saturation by 10% instead.



■ 171.3170,  
-17.0100, -0.0980

■ 171.3170,  
-17.0100, -0.0980

■ 255.0000, -0.0000,  
-0.0000

■ 144.6160,  
-16.4140, 0.1140

■ 227.0180,  
-17.6060, -0.3100

■ 119.2030,  
-16.6890, -0.4090

■ 249.9170,  
-10.1320, -3.6040

■ 94.3880, -15.7720,  
-0.5080

■ 70.3880, -15.7720,  
-0.5080

■ 47.6870, -15.1760,  
-0.2960

■ 25.9750, -16.0470,  
-1.0310

■ 6.0300, -8.7120,

3.7040

■ 0.0000, 0.0000,  
0.0000

■ 171.3170,  
-17.0100, -0.0980

■ 171.3170,  
-17.0100, -0.0980

■ 160.9400,  
-26.1340, 0.0580

■ 181.6940, -7.8860,  
-0.2540

■ 151.1500,  
-35.5330, -0.3090

■ 191.4840, 1.5130,  
0.1130

■ 140.7730,  
-44.6570, -0.1530

■ 201.8610, 10.6370,  
-0.0430

■ 130.9830,  
-54.0560, -0.5200

■ 211.6510, 20.0360,  
0.3240

■ 120.6060,  
-63.1800, -0.3640

■ 222.0280, 29.1600,  
0.1680

■ 110.8160,  
-72.5790, -0.7310

■ 228.2190, 29.9400,  
-2.9560

■ 100.4390,  
-81.7030, -0.5750

■ 232.3280, 28.0150,  
-6.6170

■ 90.0620, -90.8270,  
-0.4190

■ 237.0240, 25.8150,  
-10.8010

■ 88.5780, -92.3400,  
-0.5320

■ 241.1330, 23.8900,  
-14.4620

# Harmonies

## Analogous

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



170.3120, -18.6140, -4.0700



171.3170, -17.0100, -0.0980



172.7740, -10.8670, 4.2130

# Triad

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



171.3170, -17.0100, -0.0980



175.2300, 14.2120, 6.7560



171.4420, 1.3310, -7.6050

# Complementary

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



171.3170, -17.0100, -0.0980



173.6830, 17.0100, 0.0980

# 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.



172.6280, 9.6750, -4.6370



171.3170, -17.0100, -0.0980



174.2040, 17.1010, 3.9570

# Square

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



171.3170, -17.0100, -0.0980



174.5760, 7.4260, 8.5940



173.7860, 15.2220, -0.5380



170.5380, -7.7470, -8.2830



# Rectangle

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



171.3170, -17.0100, -0.0980



173.7640, -4.9070, 6.3330



173.7860, 15.2220, -0.5380



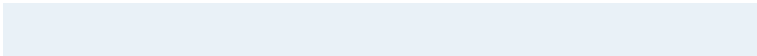
171.9370, 4.3110, -6.5450

# Sweetspot

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



171.3170, -17.0100, -0.0980



239.2920, -6.6940, 0.1700



177.0270, -13.7980, -14.2620



119.9610, -4.2640, 0.1840



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

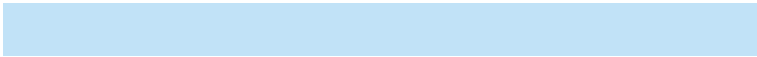


# Same Dimension

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



171.3170, -17.0100, -0.0980



218.5270, -26.4090, -0.4650



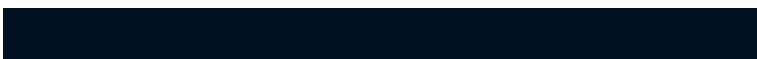
161.3380, -12.3350, 8.7930



89.5480, -4.5390, -0.3390



73.7770, -76.8430, -0.5470



14.1000, -14.9010, 0.2270



# Inverse Universe

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



167.8590, 14.1190, 13.9510



212.9080, 21.5910, 21.7110



183.6620, 12.3350, -8.7930



88.3750, 3.4380, 3.7740



58.0720, 63.6730, 63.0410



11.3210, 12.6980, 12.1700



# Previews

## White Background



This preview shows how the YIQ color 171.3170, -17.0100, -0.0980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

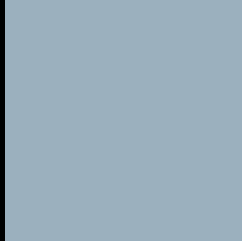
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 171.3170, -17.0100, -0.0980 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

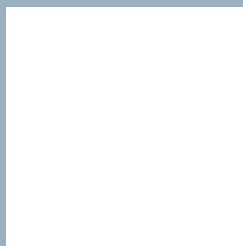
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 171.3170, -17.0100, -0.0980**

## **Background**



This preview shows how black text looks on a background with the YIQ color 171.3170, -17.0100, -0.0980.



This preview shows how white text looks on a background with the YIQ color 171.3170, -17.0100, -0.0980.

-0.0980.

# 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

171.3170, -17.0100, -0.0980

### Protanopia

173.4110, -5.4110, 4.4530

### Deuteranopia

174.6230, 0.0440, 10.2200



## Tritanopia

171.3170, -17.0100, -0.0980

# Trichromacy



## Original Color

171.3170, -17.0100, -0.0980

## Protanomaly

172.3180, -9.5830, 2.9690

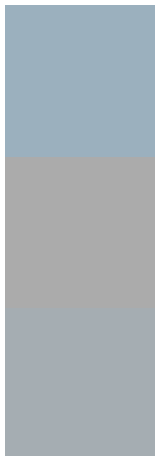
## Deuteranomaly

173.5790, -5.8240, 6.4320

## Tritanomaly

171.3170, -17.0100, -0.0980

# Monochromacy



## Original Color

171.3170, -17.0100, -0.0980

## Achromatopsia

171.0000, -0.0000, -0.0000

## Achromatomaly

171.1780, -6.3730, -0.1410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 171.3170, -17.0100, -0.0980 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(155, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 190)  
}
```

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(155, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 190) }
```

## Border

The CSS property to change the border of an element to YIQ 171.3170, -17.0100, -0.0980 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(155, 176, 190) }
```



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

```
.border{ border-color:rgb(155, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
190) }
```

# Background

The CSS property to change the background color of an element to YIQ 171.3170, -17.0100, -0.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 190) }
```

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

```
.background{ background-color: rgb(155,  
176, 190) }
```

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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