

# Converting Colors

YIQ(212.9170, -10.1320,  
-3.6040)

Have a look what the booklet for  
YIQ(212.9170, -10.1320, -3.6040)  
contains.

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# Color

**YIQ(212.9170, -10.1320,  
-3.6040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DADA
RGB	201, 218, 218
RGB Percent	79%, 85%, 85%
CMY	0.2118, 0.1451, 0.1451
CMYK	0.08, 0.00, 0.00, 0.15
HSL	180°, 19%, 82%
HSV	180°, 8%, 85%
XYZ	61.8114, 67.6240, 76.1176
YIQ	212.9170, -10.1320, -3.6040

# Conversions

## Conversions Part 2

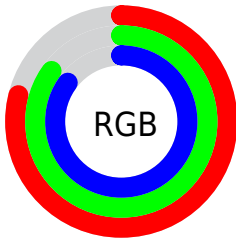
Format	Color
R <sub>Y</sub> B	201, 210, 218
Decimal	13228762
CIE Lab	85.82, -5.68, -1.95
CIE LCh	86, 6.006, 198.988
Yxy	67.6240, 0.3007, 0.3290
Android (android.graphics.Color)	4291418842 (0xFFC9DADA)
YUV	212.9170, 2.5059, -10.4512
Hunter-Lab	82.2338, -9.7388, 2.6835

# Details

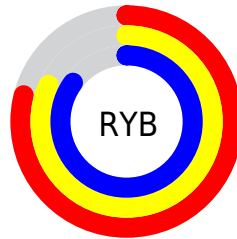
The YIQ color **212.9170, -10.1320, -3.6040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206.0830, 10.1320, 3.6040**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **158.2160, -9.5360, -3.3920** is the 20% darker color. If you saturate the color by 10%, you get **206.3390, -23.2440, -8.2680**, and if you desaturate by 10%, it is **219.4950, 2.9800, 1.0600**.

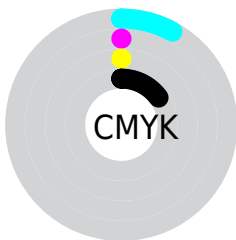
# Distribution



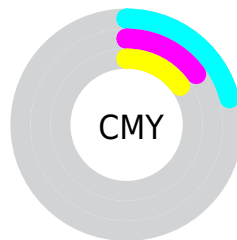
- Red (79%)
- Green (85%)
- Blue (85%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9170, -10.1320, -3.6040 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 212.9170, -10.1320, -3.6040 by changing the saturation by 10% instead.



■ 212.9170,  
-10.1320, -3.6040

■ 212.9170,  
-10.1320, -3.6040

255.0000, -0.0000,  
-0.0000

■ 185.2160, -9.5360,  
-3.3920

■ 158.2160, -9.5360,  
-3.3920

■ 132.2160, -9.5360,  
-3.3920

■ 106.6290, -9.2610,  
-2.8690

■ 82.5150, -8.9400,  
-3.1800

■ 59.8140, -8.3440,  
-2.9680

■ 37.8140, -8.3440,

-2.9680

■ 16.6180, -10.7280,  
-3.8160

■ 0.0000, 0.0000,  
0.0000

■ 212.9170,  
-10.1320, -3.6040

■ 212.9170,  
-10.1320, -3.6040

■ 206.3390,  
-23.2440, -8.2680

■ 219.4950, 2.9800,  
1.0600

■ 199.7610,  
-36.3560, -12.9320

■ 226.0730, 16.0920,  
5.7240

■ 193.4820,  
-48.8720, -17.3840

■ 229.0630, 22.0520,  
7.8440

■ 186.9040,  
-61.9840, -22.0480

■ 180.3260,  
-75.0960, -26.7120

■ 173.7480,  
-88.2080, -31.3760

■ 167.1700,  
-101.3200, -36.0400

■ 160.8910,  
-113.8360, -40.4920

■ 154.3130,  
-126.9480, -45.1560

# Harmonies

## Analogous

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



213.1300, -6.4180, -4.8340



212.9170, -10.1320, -3.6040



213.1990, -10.8660, -1.3140

# Triad

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



212.9170, -10.1320, -3.6040



215.5320, 1.5580, 4.8060



214.6650, 8.2530, -0.8910

# Complementary

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



212.9170, -10.1320, -3.6040



206.0830, 10.1320, 3.6040

# 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.



215.5020, 10.2700, 1.1020



212.9170, -10.1320, -3.6040



215.8700, 6.4180, 4.8340

# Square

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



212.9170, -10.1320, -3.6040



214.9550, -4.1270, 3.2090



215.7840, 9.5360, 3.3920



213.7460, 3.5310, -3.4210



# Rectangle

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



212.9170, -10.1320, -3.6040



213.7370, -9.4450, 0.4670



215.7840, 9.5360, 3.3920



214.9640, 8.8490, -0.6790

# Sweetspot

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



212.9170, -10.1320, -3.6040



253.5050, -2.9800, -1.0600



210.9790, -4.6750, -8.8910



126.9890, -1.4670, -0.9470



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.



212.9170, -10.1320, -3.6040



248.1230, -13.7080, -4.8760



208.2210, -7.9320, 0.5800



106.7110, -6.5560, -2.3320



121.2730, -103.1080, -36.6760



32.2460, -27.4160, -9.7520



# Inverse Universe

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



206.0830, 10.1320, 3.6040



238.8770, 13.7080, 4.8760



210.7790, 7.9320, -0.5800



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760

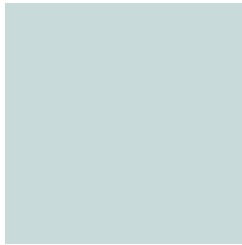


13.7540, 27.4160, 9.7520



# Previews

## White Background



This preview shows how the YIQ color 212.9170, -10.1320, -3.6040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

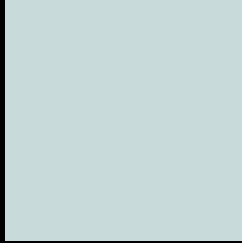
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 212.9170, -10.1320, -3.6040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

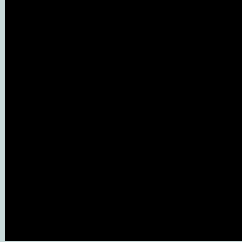
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

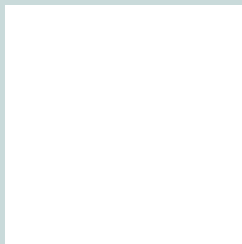
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 212.9170, -10.1320, -3.6040

## Background



This preview shows how black text looks on a background with the YIQ color 212.9170, -10.1320, -3.6040.



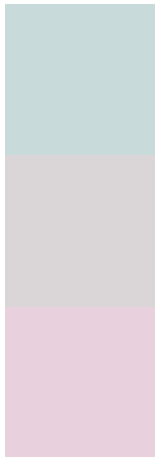
This preview shows how white text looks on a background with the YIQ color 212.9170, -10.1320, -3.6040.

-3.6040.

# 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

212.9170, -10.1320, -3.6040

### Protanopia

214.7230, 2.3380, 1.6820

### Deuteranopia

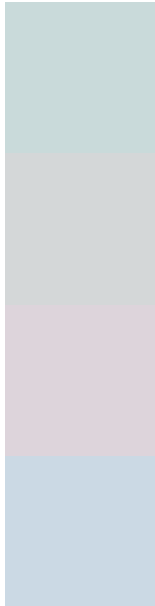
216.5440, 10.4520, 8.8200



## Tritanopia

214.3500, -12.6090, 2.7430

# Trichromacy



## Original Color

212.9170, -10.1320, -3.6040

## Protanomaly

214.2170, -2.1090, -0.3250

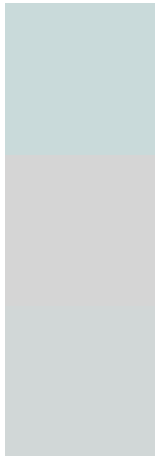
## Deuteranomaly

215.4890, 3.1170, 4.0850

## Tritanomaly

214.0680, -11.8750, 0.4530

# Monochromacy



## Original Color

212.9170, -10.1320, -3.6040

## Achromatopsia

213.0000, -0.0000, 0.0000

## Achromatomaly

213.2060, -3.5760, -1.2720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 212.9170, -10.1320, -3.6040 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(201, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 218, 218)  
}
```

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(201, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 218, 218) }
```

## Border

The CSS property to change the border of an element to YIQ 212.9170, -10.1320, -3.6040 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(201, 218, 218) }
```



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

```
.border{ border-color:rgb(201, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 218,  
218) }
```

# Background

The CSS property to change the background color of an element to YIQ 212.9170, -10.1320, -3.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 218, 218) }
```

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

```
.background{ background-color: rgb(201,  
218, 218) }
```

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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