

# Converting Colors

YIQ(205.4870, -11.7370,  
-2.0490)

Have a look what the booklet for  
YIQ(205.4870, -11.7370, -2.0490)  
contains.

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# Color

**YIQ(205.4870, -11.7370,  
-2.0490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D2D7
RGB	193, 210, 215
RGB Percent	76%, 82%, 84%
CMY	0.2432, 0.1764, 0.1569
CMYK	0.10, 0.02, 0.00, 0.16
HSL	194°, 22%, 80%
HSV	194°, 10%, 84%
XYZ	57.3023, 62.3386, 73.2937
YIQ	205.4870, -11.7370, -2.0490

# Conversions

## Conversions Part 2

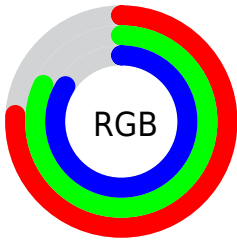
Format	Color
R <sub>Y</sub> B	193, 203, 215
Decimal	12702423
CIE Lab	83.09, -4.73, -4.43
CIE LCh	83, 6.484, 223.094
Yxy	62.3386, 0.2970, 0.3231
Android (android.graphics.Color)	4290892503 (0xFFC1D2D7)
YUV	205.4870, 4.6899, -10.9511
Hunter-Lab	78.9548, -8.6224, 0.2294

# Details

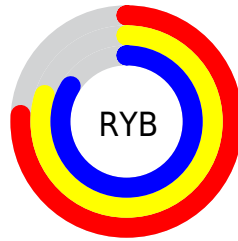
The YIQ color  $205.4870, -11.7370, -2.0490$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $202.5130, 11.7370, 2.0490$ , and the grayscale version is  $205.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.5050, -2.9800, -1.0600$ , and  $151.3730, -11.4160, -2.3600$  is the 20% darker color. If you saturate the color by 10%, you get  $195.9740, -23.4740, -4.0980$ , and if you desaturate by 10%, it is  $214.7010, -0.5960, -0.2120$ .

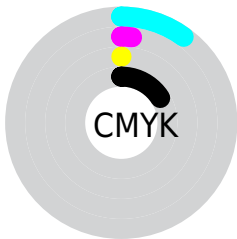
# Distribution



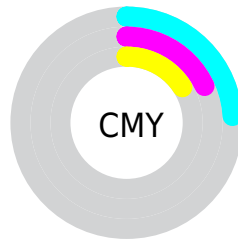
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4870, -11.7370, -2.0490 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 205.4870, -11.7370, -2.0490 by changing the saturation by 10% instead.



■ 205.4870,  
-11.7370, -2.0490

■ 205.4870,  
-11.7370, -2.0490

■ 255.0000, -0.0000,  
-0.0000

■ 177.7860,  
-11.1410, -1.8370

■ 253.5050, -2.9800,  
-1.0600

■ 151.3730,  
-11.4160, -2.3600

■ 125.6720,  
-10.8200, -2.1480

■ 100.0850,  
-10.5450, -1.6250

■ 76.3840, -9.9490,  
-1.4130

■ 53.2700, -9.6280,  
-1.7240

■ 32.2700, -9.6280,

-1.7240

■ 10.9710, -10.2240,  
-1.9360

■ 0.0000, 0.0000,  
0.0000

■ 205.4870,  
-11.7370, -2.0490

■ 205.4870,  
-11.7370, -2.0490

■ 195.9740,  
-23.4740, -4.0980

■ 214.7010, -0.5960,  
-0.2120

■ 186.7600,  
-34.6150, -5.9350

■ 224.2140, 11.1410,  
1.8370

■ 177.2470,  
-46.3520, -7.9840

■ 232.8300, 21.0900,  
3.2500

■ 168.6200,  
-57.7680, -10.3440

■ 235.1780, 19.9900,  
1.1580

■ 159.1070,  
-69.5050, -12.3930

■ 238.1130, 18.6150,  
-1.4570

■ 149.8930,  
-80.6460, -14.2300

■ 241.0480, 17.2400,  
-4.0720

■ 140.6790,  
-91.7870, -16.0670

■ 243.9830, 15.8650,  
-6.6870

■ 131.1660,  
-103.5240, -18.1160

■ 246.9180, 14.4900,  
-9.3020

■ 121.9520,  
-114.6650, -19.9530

■ 249.8530, 13.1150,  
-11.9170

# Harmonies

## Analogous

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



205.3900, -10.0860, -4.4380



205.4870, -11.7370, -2.0490



206.4380, -10.0410, 0.2550

# Triad

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



205.4870, -11.7370, -2.0490



208.0980, 5.7760, 5.4560



206.2300, 5.0440, -3.3080

# Complementary

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



205.4870, -11.7370, -2.0490



202.5130, 11.7370, 2.0490

# 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.



207.1490, 9.7660, -0.7780



205.4870, -11.7370, -2.0490



208.1970, 9.8110, 3.9150

# Square

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



205.4870, -11.7370, -2.0490



208.0480, 0.0450, 4.6930



208.2140, 11.1410, 1.8370



205.6530, -0.6410, -4.9050

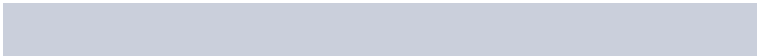


# Rectangle

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



205.4870, -11.7370, -2.0490



206.8730, -6.8320, 2.6720



208.2140, 11.1410, 1.8370



207.1270, 6.8320, -2.6720

# Sweetspot

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



205.4870, -11.7370, -2.0490



251.4340, -4.2180, -0.6500



206.4840, -7.6550, -9.9510



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

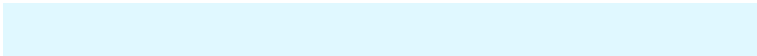


# Same Dimension

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



205.4870, -11.7370, -2.0490



241.6220, -16.5510, -2.9110



199.0300, -8.7120, 3.7040



102.5370, -6.0060, -1.2860



96.9780, -91.1910, -15.8550



24.8600, -23.1530, -4.4090



# Inverse Universe

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



201.5160, 7.6550, 9.9510



236.0050, 10.7720, 14.0360



208.9700, 8.7120, -3.7040



100.3150, 3.6670, 5.1310



66.1770, 59.5440, 77.3040

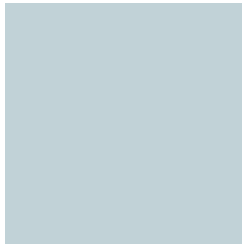


16.7330, 14.7140, 19.6900



# Previews

## White Background



This preview shows how the YIQ color 205.4870, -11.7370, -2.0490 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

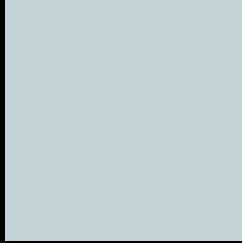
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 205.4870, -11.7370, -2.0490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

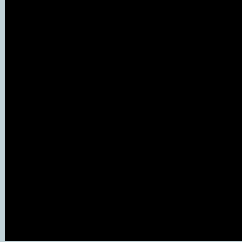
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

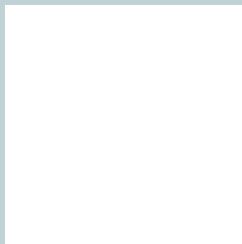
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 205.4870, -11.7370, -2.0490

## Background



This preview shows how black text looks on a background with the YIQ color 205.4870, -11.7370, -2.0490.



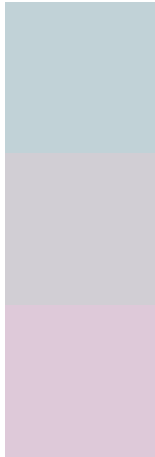
This preview shows how white text looks on a background with the YIQ color 205.4870, -11.7370, -2.0490.

-2.0490.

# 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

205.4870, -11.7370, -2.0490

### Protanopia

207.5810, -0.1380, 2.5020

### Deuteranopia

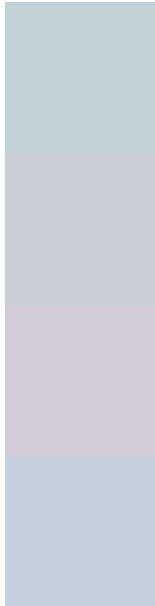
209.1030, 7.3800, 9.4280



## **Tritanopia**

206.0510, -13.2050, 2.5310

# Trichromacy



## Original Color

205.4870, -11.7370, -2.0490

## Protanomaly

206.4880, -4.3100, 1.0180

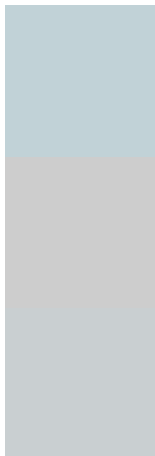
## Deuteranomaly

207.4610, 0.3200, 5.2160

## Tritanomaly

205.8830, -12.7920, 0.5520

# Monochromacy



## Original Color

205.4870, -11.7370, -2.0490

## Achromatopsia

205.0000, -0.0000, 0.0000

## Achromatomaly

205.4340, -4.2180, -0.6500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 205.4870, -11.7370, -2.0490 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(193, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 215)  
}
```

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(193, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 215) }
```

## Border

The CSS property to change the border of an element to YIQ 205.4870, -11.7370, -2.0490 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(193, 210, 215) }
```



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

```
.border{ border-color:rgb(193, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
215) }
```

# Background

The CSS property to change the background color of an element to YIQ 205.4870, -11.7370, -2.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 215) }
```

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

```
.background{ background-color: rgb(193,  
210, 215) }
```

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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