

Converting Colors

YIQ(213.0850, -10.5450,
-1.6250)

Have a look what the booklet for
YIQ(213.0850, -10.5450, -1.6250)
contains.

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Color

**YIQ(213.0850, -10.5450,
-1.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9DE
RGB	202, 217, 222
RGB Percent	79%, 85%, 87%
CMY	0.2079, 0.1490, 0.1295
CMYK	0.09, 0.02, 0.00, 0.13
HSL	195°, 23%, 83%
HSV	195°, 9%, 87%
XYZ	62.3526, 67.4577, 78.8333
YIQ	213.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

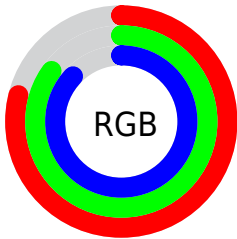
Format	Color
R _Y B	202, 211, 222
Decimal	13294046
CIE Lab	85.73, -4.06, -4.18
CIE LCh	86, 5.830, 225.876
Yxy	67.4577, 0.2988, 0.3233
Android (android.graphics.Color)	4291484126 (0xFFCAD9DE)
YUV	213.0850, 4.3951, -9.7215
Hunter-Lab	82.1326, -8.2203, 0.5845

Details

The YIQ color $213.0850, -10.5450, -1.6250$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.9150, 10.5450, 1.6250$, 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 $158.3840, -9.9490, -1.4130$ is the 20% darker color. If you saturate the color by 10%, you get $202.9850, -22.0070, -3.1510$, and if you desaturate by 10%, it is $223.1850, 0.9170, -0.0990$.

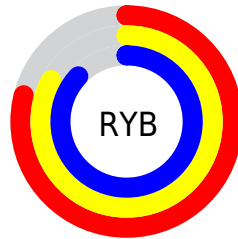
Distribution



Red (79%)

Green (85%)

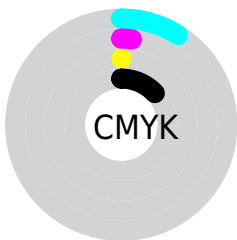
Blue (87%)



Red (79%)

Yellow (83%)

Blue (87%)

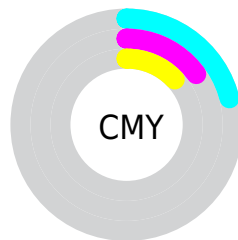


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (21%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0850, -10.5450, -1.6250 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 213.0850, -10.5450, -1.6250 by changing the saturation by 10% instead.

■ 213.0850,
-10.5450, -1.6250

■ 213.0850,
-10.5450, -1.6250

255.0000, -0.0000,
-0.0000

■ 185.3840, -9.9490,
-1.4130

■ 158.3840, -9.9490,
-1.4130

■ 132.3840, -9.9490,
-1.4130

■ 107.2700, -9.6280,
-1.7240

■ 82.6830, -9.3530,
-1.2010

■ 59.5690, -9.0320,
-1.5120

■ 37.8680, -8.4360,

-1.3000

■ 16.8570, -9.9030,
-2.2470

■ 0.0000, 0.0000,
0.0000

■ 213.0850,
-10.5450, -1.6250

■ 213.0850,
-10.5450, -1.6250

■ 202.9850,
-22.0070, -3.1510

■ 223.1850, 0.9170,
-0.0990

■ 193.4720,
-33.7440, -5.2000

■ 232.6980, 12.6540,
1.9500

■ 183.0730,
-45.8020, -6.9380

■ 238.9110, 16.3680,
0.7200

■ 173.5600,
-57.5390, -8.9870

■ 241.8460, 14.9930,
-1.8950

■ 163.4600,
-69.0010, -10.5130

■ 245.3680, 13.3430,
-5.0330

■ 153.9470,
-80.7380, -12.5620

■ 248.3030, 11.9680,
-7.6480

■ 143.8470,
-92.2000, -14.0880

■ 251.2380, 10.5930,
-10.2630

■ 134.0350,
-104.5330, -16.3490

■ 123.9350,
-115.9950, -17.8750

Harmonies

Analogous

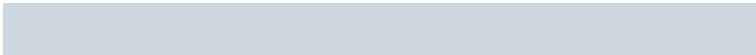
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.8030, -9.8110, -3.9150



213.0850, -10.5450, -1.6250



214.0360, -8.8490, 0.6790

Triad

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



213.0850, -10.5450, -1.6250



215.5710, 5.8220, 4.6220



214.0450, 4.1270, -3.2090

Complementary

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



213.0850, -10.5450, -1.6250



210.9150, 10.5450, 1.6250

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.



214.6650, 8.2530, -0.8910



213.0850, -10.5450, -1.6250



215.7840, 9.5360, 3.3920

Square

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



213.0850, -10.5450, -1.6250



215.2330, 0.9620, 4.5940



215.6160, 9.9490, 1.4130



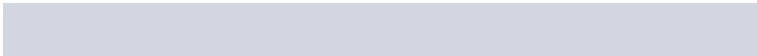
212.8810, -1.2830, -4.2830

Rectangle

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



213.0850, -10.5450, -1.6250



214.0580, -5.9150, 2.5730



215.6160, 9.9490, 1.4130



213.9420, 5.9150, -2.5730

Sweetspot

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



213.0850, -10.5450, -1.6250



251.4340, -4.2180, -0.6500



214.3100, -7.1050, -8.9050



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



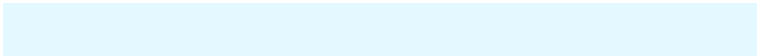
128.0000, -0.0000, -0.0000

Same Dimension

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



213.0850, -10.5450, -1.6250



242.5190, -14.7630, -2.2750



207.2150, -7.7950, 3.6050



106.9500, -5.7310, -0.7630



97.5480, -92.7960, -14.3000



26.6040, -25.3080, -3.9000

Inverse Universe

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



209.6900, 7.1050, 8.9050



237.7660, 9.9470, 12.4670



216.7850, 7.7950, -3.6050



105.2010, 3.9880, 4.8200



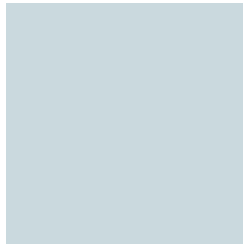
67.6720, 62.5240, 78.3640



18.4560, 17.0520, 21.3720

Previews

White Background



This preview shows how the YIQ color 213.0850, -10.5450, -1.6250 looks on a white background.

Color Contrast Check

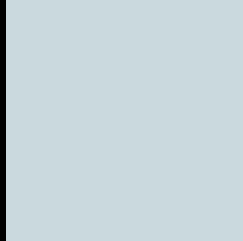
Large Text (above 18pt) WCAG AA × Fail

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 213.0850, -10.5450, -1.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

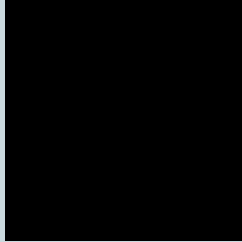
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

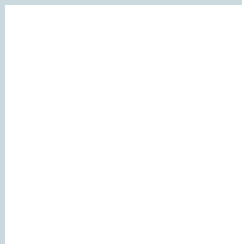
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.0850, -10.5450, -1.6250

Background



This preview shows how black text looks on a background with the YIQ color 213.0850, -10.5450, -1.6250.



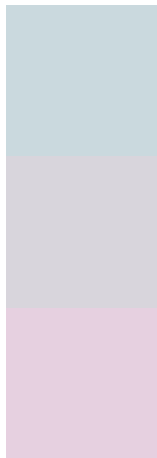
This preview shows how white text looks on a background with the YIQ color 213.0850, -10.5450, -1.6250.

-1.6250.

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

213.0850, -10.5450, -1.6250

Protanopia

214.6950, -0.4590, 2.8130

Deuteranopia

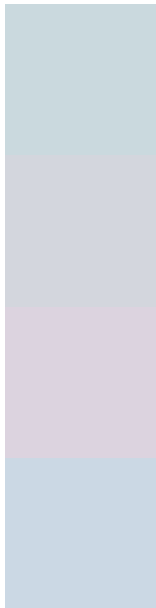
216.4020, 7.9760, 9.6400



Tritanopia

213.6490, -12.0130, 2.9550

Trichromacy



Original Color

213.0850, -10.5450, -1.6250

Protanomaly

213.9010, -4.0350, 1.5410

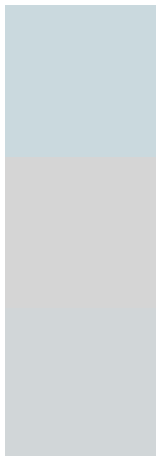
Deuteranomaly

215.0590, 1.5120, 5.6400

Tritanomaly

213.4810, -11.6000, 0.9760

Monochromacy



Original Color

213.0850, -10.5450, -1.6250

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0850, -10.5450, -1.6250 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(202, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 222)  
}
```

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(202, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 222) }
```

Border

The CSS property to change the border of an element to YIQ 213.0850, -10.5450, -1.6250 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(202, 217, 222) }
```


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

```
.border{ border-color:rgb(202, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0850, -10.5450, -1.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 222) }
```

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

```
.background{ background-color: rgb(202,  
217, 222) }
```

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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