

Converting Colors

YIQ(210.9650, -10.0870, 1.0890)

Have a look what the booklet for
YIQ(210.9650, -10.0870, 1.0890)
contains.

YIQ(210.9650, -10.0870, 1.0890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(210.9650, -10.0870,
1.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD5E0
RGB	202, 213, 224
RGB Percent	79%, 84%, 88%
CMY	0.2079, 0.1647, 0.1216
CMYK	0.10, 0.05, 0.00, 0.12
HSL	210°, 26%, 84%
HSV	210°, 10%, 88%
XYZ	61.6041, 65.5279, 79.9135
YIQ	210.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

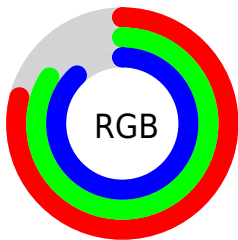
Format	Color
R _Y B	202, 209, 224
Decimal	13293024
CIE Lab	84.76, -1.58, -6.69
CIE LCh	85, 6.875, 256.695
Yxy	65.5279, 0.2975, 0.3165
Android (android.graphics.Color)	4291483104 (0xFFCAD5E0)
YUV	210.9650, 6.4263, -7.8623
Hunter-Lab	80.9493, -5.8190, -1.8668

Details

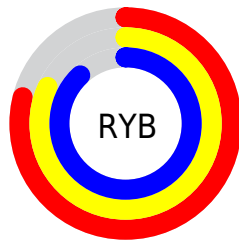
The YIQ color $210.9650, -10.0870, 1.0890$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.0350, 10.0870, -1.0890$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.2640, -9.4910, 1.3010$ is the 20% darker color. If you saturate the color by 10%, you get $197.9300, -20.1740, 2.1780$, and if you desaturate by 10%, it is $224.0000, -0.0000, 0.0000$.

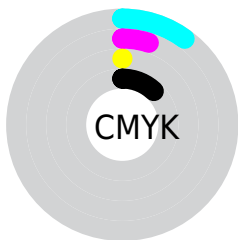
Distribution



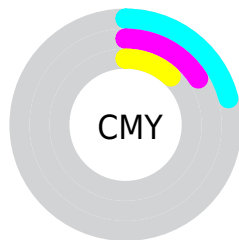
- Red (79%)
- Green (84%)
- Blue (88%)



- Red (79%)
- Yellow (82%)
- Blue (88%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.9650, -10.0870, 1.0890 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 210.9650, -10.0870, 1.0890 by changing the saturation by 10% instead.

■ 210.9650,
-10.0870, 1.0890

■ 210.9650,
-10.0870, 1.0890

255.0000, -0.0000,
-0.0000

■ 183.2640, -9.4910,
1.3010

■ 156.2640, -9.4910,
1.3010

■ 130.1500, -9.1700,
0.9900

■ 105.1500, -9.1700,
0.9900

■ 81.0360, -8.8490,
0.6790

■ 58.0360, -8.8490,
0.6790

■ 36.2210, -7.9320,

0.5800

■ 15.3240, -9.7200,
-0.0560

■ 0.0000, 0.0000,
0.0000

■ 210.9650,
-10.0870, 1.0890

■ 210.9650,
-10.0870, 1.0890

■ 197.9300,
-20.1740, 2.1780

■ 224.0000, -0.0000,
0.0000

■ 184.5960,
-30.8570, 3.0550

■ 237.3340, 10.6830,
-0.8770

■ 170.9740,
-40.6690, 4.6670

■ 246.7700, 12.1510,
-5.4570

■ 157.6400,
-51.3520, 5.5440

■ 251.4660, 9.9510,
-9.6410

■ 144.6050,
-61.4390, 6.6330

■ 131.5700,
-71.5260, 7.7220

■ 118.2360,
-82.2090, 8.5990

■ 105.2010,
-92.2960, 9.6880

■ 91.2800,
-102.7040, 11.0880

Harmonies

Analogous

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



210.3020, -12.6540, -1.9500



210.9650, -10.0870, 1.0890



211.8840, -5.3650, 3.6190

Triad

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



210.9650, -10.0870, 1.0890



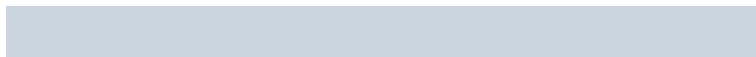
212.7950, 11.0030, 4.3390



210.3540, -1.2370, -5.1170

Complementary

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



210.9650, -10.0870, 1.0890



215.0350, 10.0870, -1.0890

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.



210.8170, 4.7690, -3.8310



210.9650, -10.0870, 1.0890



212.3990, 12.0580, 1.7380

Square

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



210.9650, -10.0870, 1.0890



213.2830, 6.6930, 5.3570



211.7360, 9.4910, -1.3010



209.4180, -7.2890, -5.5690

Rectangle

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



210.9650, -10.0870, 1.0890



212.2760, -0.5970, 5.3150



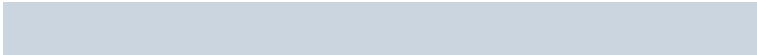
211.7360, 9.4910, -1.3010



210.7240, 0.5970, -5.3150

Sweetspot

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



210.9650, -10.0870, 1.0890



250.2600, -3.6680, 0.3960



216.1680, -9.5810, -8.0850



124.4450, -2.7510, 0.2970



0.0000, 0.0000, 0.0000



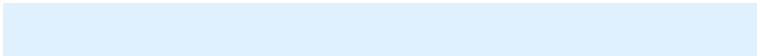
128.0000, -0.0000, -0.0000

Same Dimension

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



210.9650, -10.0870, 1.0890



236.9260, -14.3510, 1.2730



204.5080, -7.0620, 6.8420



105.7760, -5.1810, 0.2830



71.7200, -80.6960, 8.7120



19.5600, -22.0080, 2.3760

Inverse Universe

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



209.8320, 9.5810, 8.0850



235.0930, 13.3400, 11.5480



221.4920, 7.0620, -6.8420



104.9730, 4.6300, 4.1980



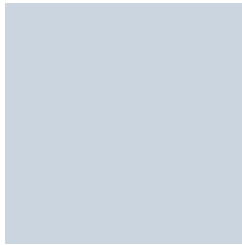
62.6560, 76.6480, 64.6800



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 210.9650, -10.0870, 1.0890 looks on a white background.

Color Contrast Check

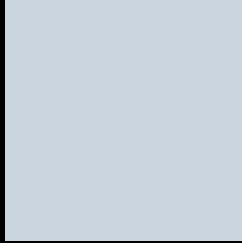
Large Text (above 18pt) WCAG AA × Fail

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 210.9650, -10.0870, 1.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

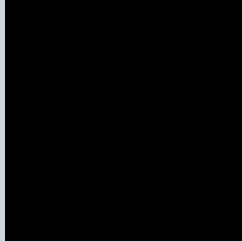
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

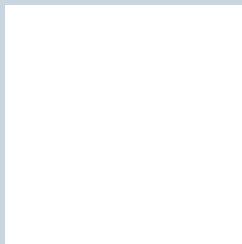
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.9650, -10.0870, 1.0890

Background



This preview shows how black text looks on a background with the YIQ color 210.9650, -10.0870, 1.0890.

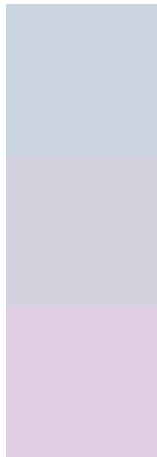


This preview shows how white text looks on a background with the YIQ color 210.9650, -10.0870,

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

210.9650, -10.0870, 1.0890

Protanopia

211.9660, -2.6600, 4.1560

Deuteranopia

213.3740, 5.1790, 10.7710



Tritanopia

211.2470, -10.8210, 3.3790

Trichromacy



Original Color

210.9650, -10.0870, 1.0890

Protanomaly

211.4710, -5.6400, 3.0960

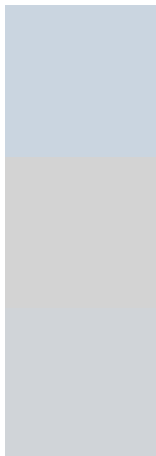
Deuteranomaly

212.6290, -0.0930, 7.1950

Tritanomaly

211.0190, -10.1790, 2.7570

Monochromacy



Original Color

210.9650, -10.0870, 1.0890

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.2600, -3.6680, 0.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.9650, -10.0870, 1.0890 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, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 224)  
}
```

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, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 224) }
```

Border

The CSS property to change the border of an element to YIQ 210.9650, -10.0870, 1.0890 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, 213, 224) }
```


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

```
.border{ border-color:rgb(202, 213, 224) }
```

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

Here you see how a box with a 4 pixel rgb(202, 213, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 210.9650, -10.0870, 1.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 224) }
```

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

```
.background{ background-color: rgb(202,  
213, 224) }
```

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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