

Converting Colors

YIQ(210.9830, -1.3300, 2.0780)

Have a look what the booklet for
YIQ(210.9830, -1.3300, 2.0780)
contains.

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Color

**YIQ(210.9830, -1.3300,
2.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D2D8
RGB	211, 210, 216
RGB Percent	83%, 82%, 85%
CMY	0.1725, 0.1765, 0.1529
CMYK	0.02, 0.03, 0.00, 0.15
HSL	250°, 7%, 84%
HSV	250°, 3%, 85%
XYZ	62.3053, 64.8998, 74.2071
YIQ	210.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

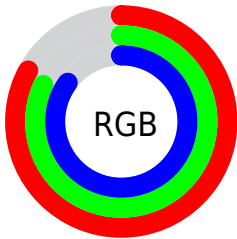
Format	Color
R _Y B	211, 210, 216
Decimal	13882072
CIE Lab	84.43, 1.45, -2.85
CIE LCh	84, 3.192, 296.921
Yxy	64.8998, 0.3093, 0.3222
Android (android.graphics.Color)	4292072152 (0xFFD3D2D8)
YUV	210.9830, 2.4734, 0.0149
Hunter-Lab	80.5604, -2.9293, 1.7782

Details

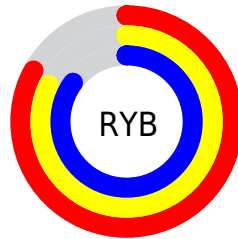
The YIQ color $210.9830, -1.3300, 2.0780$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.0170, 1.3300, -2.0780$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.8690, -1.0090, 1.7670$ is the 20% darker color. If you saturate the color by 10%, you get $192.6870, -6.0080, 9.7680$, and if you desaturate by 10%, it is $229.2790, 3.3480, -5.6120$.

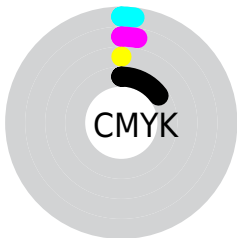
Distribution



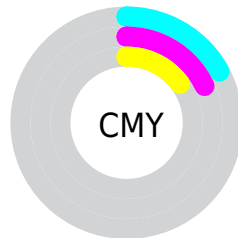
- Red (83%)
- Green (82%)
- Blue (85%)



- Red (83%)
- Yellow (82%)
- Blue (85%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.9830, -1.3300, 2.0780 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 210.9830, -1.3300, 2.0780 by changing the saturation by 10% instead.

■ 210.9830, -1.3300,
2.0780

■ 210.9830, -1.3300,
2.0780

255.0000, -0.0000,
-0.0000

■ 182.9830, -1.3300,
2.0780

■ 156.8690, -1.0090,
1.7670

■ 130.5700, -1.6050,
1.5550

■ 104.9830, -1.3300,
2.0780

■ 80.8690, -1.0090,
1.7670

■ 58.4560, -1.2840,
1.2440

■ 36.7550, -0.6880,

1.4560

■ 15.8690, -1.0090,
1.7670

■ 0.0000, 0.0000,
0.0000

■ 210.9830, -1.3300,
2.0780

■ 210.9830, -1.3300,
2.0780

■ 192.6870, -6.0080,
9.7680

■ 229.2790, 3.3480,
-5.6120

■ 174.9780,
-10.9610, 16.9350

■ 246.9880, 8.3010,
-12.7790

■ 156.6820,
-15.6390, 24.6250

■ 250.5540, 12.5190,
-12.1290

■ 138.9730,
-20.5920, 31.7920

■ 120.6770,
-25.2700, 39.4820

■ 102.3810,
-29.9480, 47.1720

■ 84.6720, -34.9010,
54.3390

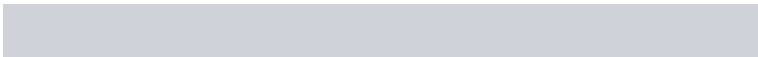
■ 66.3760, -39.5790,
62.0290

■ 48.6670, -44.5320,
69.1960

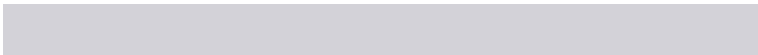
Harmonies

Analogous

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



210.4880, -4.3100, 1.0180



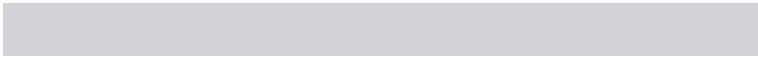
210.9830, -1.3300, 2.0780



211.0650, 1.3750, 2.6150

Triad

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



210.9830, -1.3300, 2.0780



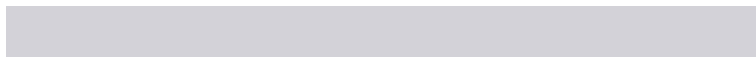
210.7510, 5.1350, 0.5510



209.9670, -4.4010, -2.8410

Complementary

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



210.9830, -1.3300, 2.0780



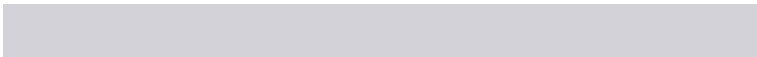
215.0170, 1.3300, -2.0780

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.



209.9350, -1.3750, -2.6150



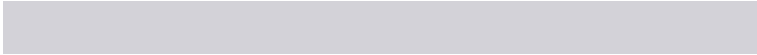
210.9830, -1.3300, 2.0780



210.6260, 3.9890, -0.7070

Square

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



210.9830, -1.3300, 2.0780



211.2780, 5.0890, 1.3850



210.0170, 1.3300, -2.0780



209.7220, -5.0890, -1.3850

Rectangle

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



210.9830, -1.3300, 2.0780



211.4350, 3.2090, 2.4170



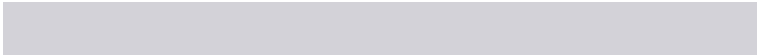
210.0170, 1.3300, -2.0780



209.5650, -3.2090, -2.4170

Sweetspot

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



210.9830, -1.3300, 2.0780



252.6410, -0.3670, 1.1450



213.6190, -3.3010, -0.7490



126.2280, -0.6420, 0.6220



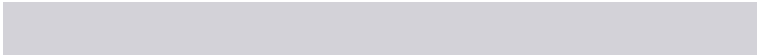
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



210.9830, -1.3300, 2.0780



248.5100, -1.3760, 2.9120



211.8800, 0.4580, 2.7140



103.7550, -0.6880, 1.4560



27.8660, -38.2030, 59.1170



6.9950, -9.6310, 14.8570

Inverse Universe

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



212.3640, 1.9710, 2.8270



250.1900, 2.5210, 3.8730



214.1200, -0.4580, -2.7140



104.5380, 1.4210, 1.7810



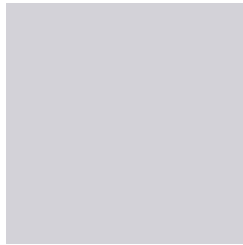
67.3170, 56.3340, 80.4140



16.9610, 14.0720, 20.3120

Previews

White Background



This preview shows how the YIQ color 210.9830, -1.3300, 2.0780 looks on a white background.

Color Contrast Check

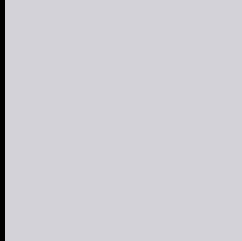
Large Text (above 18pt) WCAG AA × Fail

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 210.9830, -1.3300, 2.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

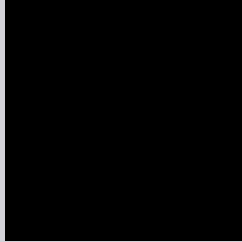
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

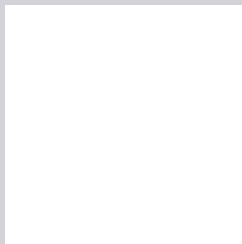
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.9830, -1.3300, 2.0780

Background



This preview shows how black text looks on a background with the YIQ color 210.9830, -1.3300, 2.0780.



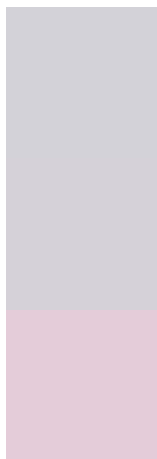
This preview shows how white text looks on a background with the YIQ color 210.9830, -1.3300,

2.0780.

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

210.9830, -1.3300, 2.0780

Protanopia

210.9940, 0.1370, 3.0250

Deuteranopia

212.6580, 10.1310, 9.1310



Tritanopia

211.7210, -3.3480, 5.6120

Trichromacy



Original Color

210.9830, -1.3300, 2.0780

Protanomaly

210.6950, -0.4590, 2.8130

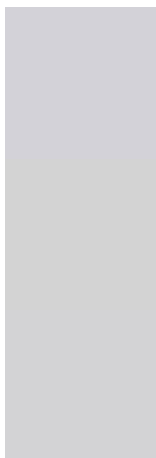
Deuteranomaly

212.0380, 6.0050, 6.8130

Tritanomaly

211.3790, -2.3850, 4.6790

Monochromacy



Original Color

210.9830, -1.3300, 2.0780

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.9830, -1.3300, 2.0780 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(211, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(211, 210, 216)  
}
```

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(211, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 210, 216) }
```

Border

The CSS property to change the border of an element to YIQ 210.9830, -1.3300, 2.0780 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(211, 210, 216) }
```


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

```
.border{ border-color:rgb(211, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 210,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 210.9830, -1.3300, 2.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 210, 216) }
```

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

```
.background{ background-color: rgb(211,  
210, 216) }
```

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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