

Converting Colors

YIQ(219.6940, -7.8860, -0.2540)

Have a look what the booklet for
YIQ(219.6940, -7.8860, -0.2540)
contains.

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Color

**YIQ(219.6940, -7.8860,
-0.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DEE4
RGB	212, 222, 228
RGB Percent	83%, 87%, 89%
CMY	0.1686, 0.1294, 0.1059
CMYK	0.07, 0.03, 0.00, 0.11
HSL	202°, 23%, 86%
HSV	202°, 7%, 89%
XYZ	67.2746, 71.8420, 83.7133
YIQ	219.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

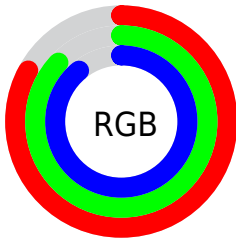
Format	Color
R _Y B	212, 218, 228
Decimal	13950692
CIE Lab	87.89, -2.22, -4.10
CIE LCh	88, 4.657, 241.576
Yxy	71.8420, 0.3019, 0.3224
Android (android.graphics.Color)	4292140772 (0xFFD4DEE4)
YUV	219.6940, 4.0949, -6.7476
Hunter-Lab	84.7597, -6.6521, 0.7737

Details

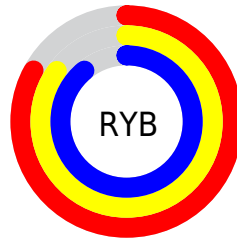
The YIQ color $219.6940, -7.8860, -0.2540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.3060, 7.8860, 0.2540$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.6940, -7.8860, -0.2540$ is the 20% darker color. If you saturate the color by 10%, you get $207.5340, -19.1190, -0.4230$, and if you desaturate by 10%, it is $231.8540, 3.3470, -0.0850$.

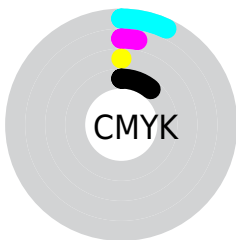
Distribution



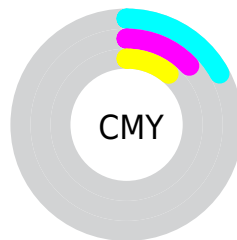
- Red (83%)
- Green (87%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.6940, -7.8860, -0.2540 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 219.6940, -7.8860, -0.2540 by changing the saturation by 10% instead.

■ 219.6940, -7.8860,
-0.2540

■ 219.6940, -7.8860,
-0.2540

255.0000, -0.0000,
-0.0000

■ 191.6940, -7.8860,
-0.2540

■ 164.6940, -7.8860,
-0.2540

■ 138.5800, -7.5650,
-0.5650

■ 112.8790, -6.9690,
-0.3530

■ 88.8790, -6.9690,
-0.3530

■ 65.1780, -6.3730,
-0.1410

■ 43.1780, -6.3730,

-0.1410

■ 22.4770, -5.7770,
0.0710

■ 0.1140, -0.3210,
0.3110

■ 219.6940, -7.8860,
-0.2540

■ 219.6940, -7.8860,
-0.2540

■ 207.5340,
-19.1190, -0.4230

■ 231.8540, 3.3470,
-0.0850

■ 195.9610,
-30.6270, -1.1150

■ 242.5300, 13.0670,
-0.0290

■ 184.1000,
-41.2640, -1.0720

■ 247.8130, 10.5920,
-4.7360

■ 172.5270,
-52.7720, -1.7640

■ 251.9220, 8.6670,
-8.3970

■ 160.3670,
-64.0050, -1.9330

■ 148.7940,
-75.5130, -2.6250

■ 136.6340,
-86.7460, -2.7940

■ 125.3600,
-97.6580, -3.2740

■ 113.2000,
-108.8910, -3.4430

Harmonies

Analogous

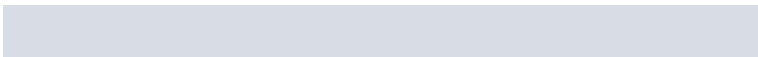
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.3410, -8.3900, -2.1340



219.6940, -7.8860, -0.2540



220.4170, -5.5480, 1.4280

Triad

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



219.6940, -7.8860, -0.2540



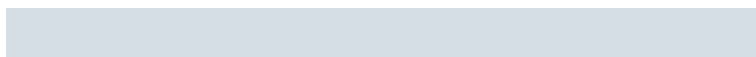
221.8160, 6.5100, 3.1660



220.0770, 1.1010, -3.4350

Complementary

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



219.6940, -7.8860, -0.2540



220.3060, 7.8860, 0.2540

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.



220.2840, 4.9520, -1.6400



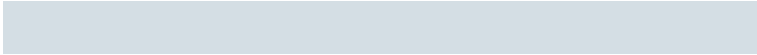
219.6940, -7.8860, -0.2540



221.3600, 7.7940, 1.9220

Square

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



219.6940, -7.8860, -0.2540



221.4890, 3.1170, 4.0850



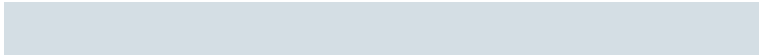
221.0070, 7.2900, 0.0420



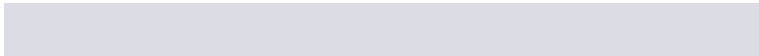
219.5110, -3.1170, -4.0850

Rectangle

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



219.6940, -7.8860, -0.2540



221.0260, -2.8890, 2.7990



221.0070, 7.2900, 0.0420



219.9740, 2.8890, -2.7990

Sweetspot

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



219.6940, -7.8860, -0.2540



252.3310, -2.4300, -0.0140



222.0760, -6.3260, -6.5020



126.5160, -1.5130, -0.1130



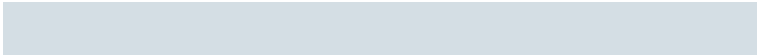
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



219.6940, -7.8860, -0.2540



244.3240, -9.7200, -0.0560



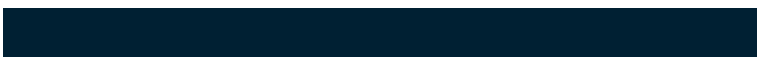
214.9980, -5.6860, 3.9300



108.4770, -5.7770, 0.0710



86.1500, -88.2590, -2.9070



24.5980, -25.1710, -0.8750

Inverse Universe

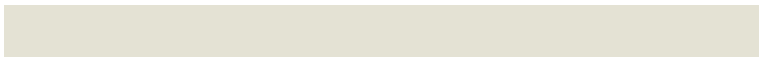
The Inverse Universe completely reimagines the original color for something new.



217.9240, 6.3260, 6.5020



242.3480, 8.0680, 7.9720



225.0020, 5.6860, -3.9300



107.3860, 4.9050, 4.7210



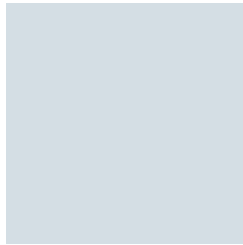
66.2890, 70.7320, 72.7800



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 219.6940, -7.8860, -0.2540 looks on a white background.

Color Contrast Check

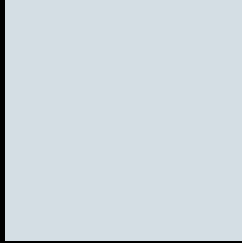
Large Text (above 18pt) WCAG AA × Fail

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 219.6940, -7.8860, -0.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

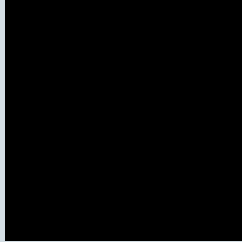
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

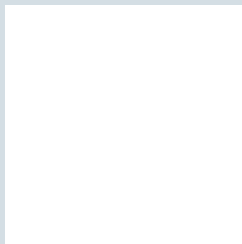
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.6940, -7.8860, -0.2540

Background



This preview shows how black text looks on a background with the YIQ color 219.6940, -7.8860, -0.2540.



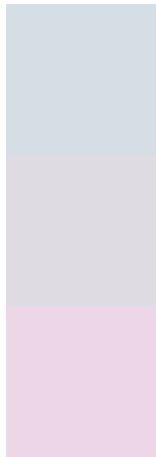
This preview shows how white text looks on a background with the YIQ color 219.6940, -7.8860,

-0.2540.

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

219.6940, -7.8860, -0.2540

Protanopia

220.6950, -0.4590, 2.8130

Deuteranopia

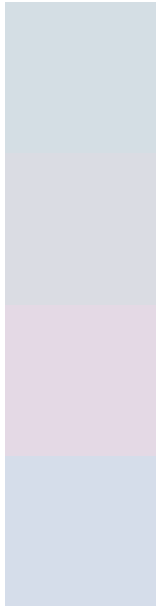
222.7010, 8.5720, 9.8520



Tritanopia

220.2580, -9.3540, 4.3260

Trichromacy



Original Color

219.6940, -7.8860, -0.2540

Protanomaly

220.2000, -3.4390, 1.7530

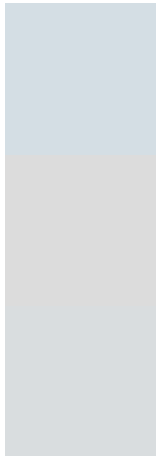
Deuteranomaly

221.6570, 2.7040, 6.0640

Tritanomaly

220.0900, -8.9410, 2.3470

Monochromacy



Original Color

219.6940, -7.8860, -0.2540

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.6940, -7.8860, -0.2540 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(212, 222, 228)` looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 228)  
}
```

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(212, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 228) }
```

Border

The CSS property to change the border of an element to YIQ 219.6940, -7.8860, -0.2540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

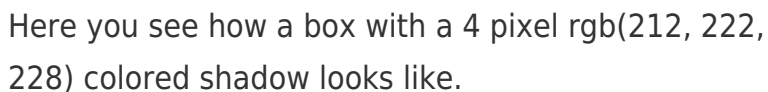
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 222, 228) }
```


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

```
.border{ border-color:rgb(212, 222, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 222, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 222, 228); box-shadow:4px 4px 4px 4px rgb(212, 222, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 219.6940, -7.8860, -0.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 228) }
```

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

```
.background{ background-color: rgb(212,  
222, 228) }
```

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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