

Converting Colors

YIQ(226.9930, -7.2900, -0.0420)

Have a look what the booklet for
YIQ(226.9930, -7.2900, -0.0420)
contains.

YIQ(226.9930, -7.2900, -0.0420)	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(226.9930, -7.2900,
-0.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE5EB
RGB	220, 229, 235
RGB Percent	86%, 90%, 92%
CMY	0.1373, 0.1019, 0.0785
CMYK	0.06, 0.03, 0.00, 0.08
HSL	204°, 27%, 89%
HSV	204°, 6%, 92%
XYZ	72.5284, 77.2533, 89.6795
YIQ	226.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

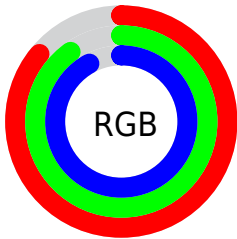
Format	Color
R _Y B	220, 226, 235
Decimal	14476779
CIE Lab	90.44, -1.88, -3.96
CIE LCh	90, 4.383, 244.613
Yxy	77.2533, 0.3029, 0.3226
Android (android.graphics.Color)	4292666859 (0xFFDCE5EB)
YUV	226.9930, 3.9475, -6.1329
Hunter-Lab	87.8939, -6.5195, 1.0312

Details

The YIQ color $226.9930, -7.2900, -0.0420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $228.0070, 7.2900, 0.0420$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.8790, -6.9690, -0.3530$ is the 20% darker color. If you saturate the color by 10%, you get $214.5340, -19.1190, -0.4230$, and if you desaturate by 10%, it is $239.1530, 3.9430, 0.1270$.

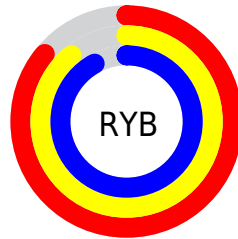
Distribution



Red (86%)

Green (90%)

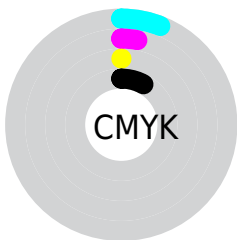
Blue (92%)



Red (86%)

Yellow (89%)

Blue (92%)

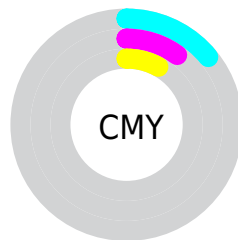


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (14%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.9930, -7.2900, -0.0420 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 226.9930, -7.2900, -0.0420 by changing the saturation by 10% instead.

■ 226.9930, -7.2900,
-0.0420

■ 226.9930, -7.2900,
-0.0420

255.0000, -0.0000,
-0.0000

■ 198.9930, -7.2900,
-0.0420

■ 171.8790, -6.9690,
-0.3530

■ 145.2920, -6.6940,
0.1700

■ 119.2920, -6.6940,
0.1700

■ 95.1780, -6.3730,
-0.1410

■ 71.1780, -6.3730,
-0.1410

■ 48.4770, -5.7770,

0.0710

■ 27.4770, -5.7770,
0.0710

■ 3.0150, -4.3560,
1.8520

■ 226.9930, -7.2900,
-0.0420

■ 226.9930, -7.2900,
-0.0420

■ 214.5340,
-19.1190, -0.4230

■ 239.1530, 3.9430,
0.1270

■ 201.7870,
-30.0770, -0.0690

■ 248.6110, 8.3450,
-2.5590

■ 189.3280,
-41.9060, -0.4500

■ 252.7200, 6.4200,
-6.2200

■ 176.5810,
-52.8640, -0.0960

■ 164.4210,
-64.0970, -0.2650

■ 151.9620,
-75.9260, -0.6460

■ 139.2150,
-86.8840, -0.2920

■ 126.7560,
-98.7130, -0.6730

■ 114.5960,
-109.9460, -0.8420

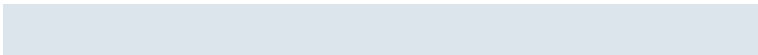
Harmonies

Analogous

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



226.6400, -7.7940, -1.9220



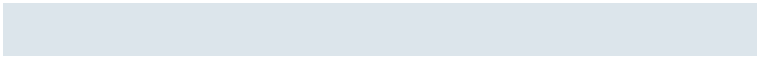
226.9930, -7.2900, -0.0420



227.7160, -4.9520, 1.6400

Triad

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



226.9930, -7.2900, -0.0420



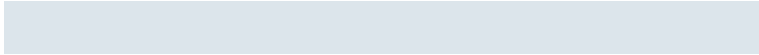
228.8160, 6.5100, 3.1660



227.1910, 0.7800, -3.1240

Complementary

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



226.9930, -7.2900, -0.0420



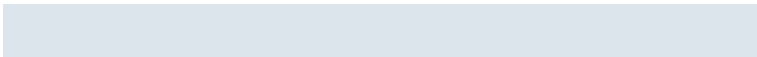
228.0070, 7.2900, 0.0420

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.



227.2840, 4.9520, -1.6400



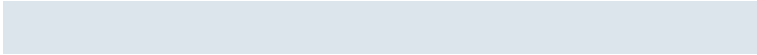
226.9930, -7.2900, -0.0420



228.3600, 7.7940, 1.9220

Square

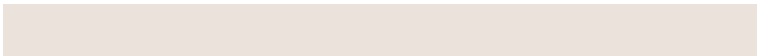
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.9930, -7.2900, -0.0420



228.3750, 3.4380, 3.7740



228.0070, 7.2900, 0.0420



226.6250, -3.4380, -3.7740

Rectangle

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



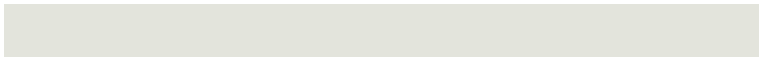
226.9930, -7.2900, -0.0420



228.2110, -1.9720, 2.7000



228.0070, 7.2900, 0.0420



226.7890, 1.9720, -2.7000

Sweetspot

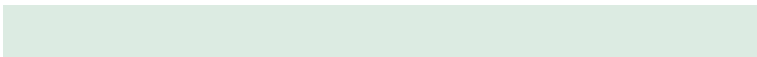
The Sweet Spot groups the original color and five complimentary colors.



226.9930, -7.2900, -0.0420



252.3310, -2.4300, -0.0140



229.4890, -6.0510, -5.9790



125.9290, -1.2380, 0.4100



0.0000, 0.0000, 0.0000



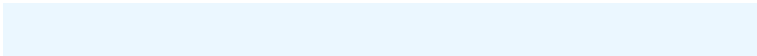
128.0000, -0.0000, -0.0000

Same Dimension

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



226.9930, -7.2900, -0.0420



244.3240, -9.7200, -0.0560



222.8840, -5.3650, 3.6190



111.3630, -5.4560, -0.2400



84.6170, -88.0760, -0.7160



24.9400, -26.1340, 0.0580

Inverse Universe

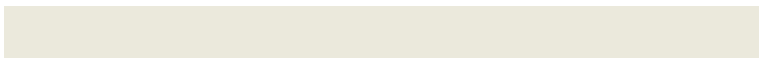
The Inverse Universe completely reimagines the original color for something new.



225.5110, 6.0510, 5.9790



242.3480, 8.0680, 7.9720



232.1160, 5.3650, -3.6190



110.0870, 4.3090, 4.5090



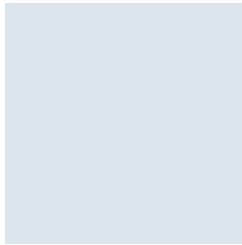
66.5450, 72.8870, 72.2710



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 226.9930, -7.2900, -0.0420 looks on a white background.

Color Contrast Check

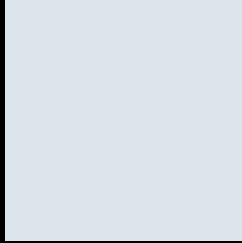
Large Text (above 18pt) WCAG AA × Fail

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 226.9930, -7.2900, -0.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

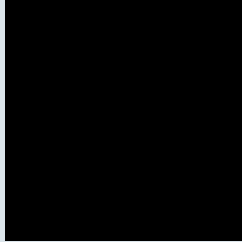
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

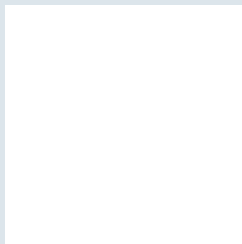
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.9930, -7.2900, -0.0420

Background



This preview shows how black text looks on a background with the YIQ color 226.9930, -7.2900, -0.0420.



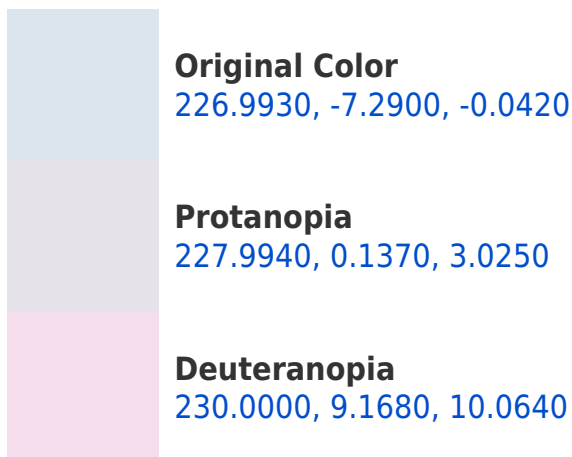
This preview shows how white text looks on a background with the YIQ color 226.9930, -7.2900,

-0.0420.

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

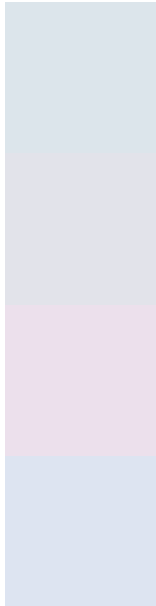




Tritanopia

227.5570, -8.7580, 4.5380

Trichromacy



Original Color

226.9930, -7.2900, -0.0420

Protanomaly

227.4990, -2.8430, 1.9650

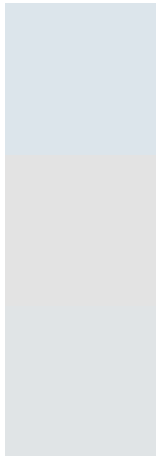
Deuteranomaly

228.9560, 3.3000, 6.2760

Tritanomaly

227.3890, -8.3450, 2.5590

Monochromacy



Original Color

226.9930, -7.2900, -0.0420

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.9930, -7.2900, -0.0420 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(220, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(220, 229, 235)  
}
```

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(220, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 229, 235) }
```

Border

The CSS property to change the border of an element to YIQ 226.9930, -7.2900, -0.0420 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(220, 229, 235) }
```


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

```
.border{ border-color:rgb(220, 229, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 229, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 229,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 226.9930, -7.2900, -0.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 229, 235) }
```

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

```
.background{ background-color: rgb(220,  
229, 235) }
```

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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