

Converting Colors

YIQ(228.8790, -6.9690, -0.3530)

Have a look what the booklet for
YIQ(228.8790, -6.9690, -0.3530)
contains.

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Color

**YIQ(228.8790, -6.9690,
-0.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE7EC
RGB	222, 231, 236
RGB Percent	87%, 91%, 93%
CMY	0.1294, 0.0941, 0.0745
CMYK	0.06, 0.02, 0.00, 0.07
HSL	201°, 27%, 90%
HSV	201°, 6%, 93%
XYZ	73.8389, 78.7385, 90.6571
YIQ	228.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

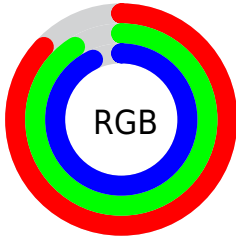
Format	Color
R _Y B	222, 227, 236
Decimal	14608364
CIE Lab	91.12, -2.06, -3.47
CIE LCh	91, 4.038, 239.245
Yxy	78.7385, 0.3036, 0.3237
Android (android.graphics.Color)	4292798444 (0xFFDEE7EC)
YUV	228.8790, 3.5107, -6.0329
Hunter-Lab	88.7347, -6.7503, 1.5398

Details

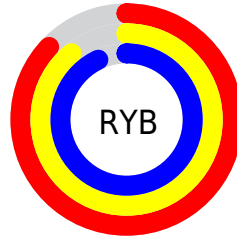
The YIQ color $228.8790, -6.9690, -0.3530$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.1210, 6.9690, 0.3530$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.1780, -6.3730, -0.1410$ is the 20% darker color. If you saturate the color by 10%, you get $217.0070, -19.0730, -1.2570$, and if you desaturate by 10%, it is $240.7510, 5.1350, 0.5510$.

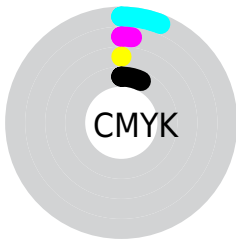
Distribution



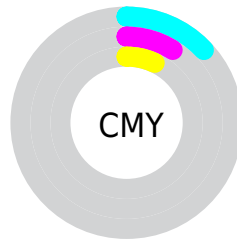
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8790, -6.9690, -0.3530 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 228.8790, -6.9690, -0.3530 by changing the saturation by 10% instead.

■ 228.8790, -6.9690,
-0.3530

■ 228.8790, -6.9690,
-0.3530

255.0000, -0.0000,
-0.0000

■ 200.8790, -6.9690,
-0.3530

■ 173.1780, -6.3730,
-0.1410

■ 146.7650, -6.6480,
-0.6640

■ 121.1780, -6.3730,
-0.1410

■ 96.0640, -6.0520,
-0.4520

■ 72.4770, -5.7770,
0.0710

■ 50.3630, -5.4560,

-0.2400

■ 29.2490, -5.1350,
-0.5510

■ 4.8900, -5.5020,
0.5940

■ 228.8790, -6.9690,
-0.3530

■ 228.8790, -6.9690,
-0.3530

■ 217.0070,
-19.0730, -1.2570

■ 240.7510, 5.1350,
0.5510

■ 204.8470,
-30.3060, -1.4260

■ 248.7250, 8.0240,
-2.2480

■ 192.9750,
-42.4100, -2.3300

■ 252.8340, 6.0990,
-5.9090

■ 180.8150,
-53.6430, -2.4990

■ 168.9430,
-65.7470, -3.4030

■ 157.0710,
-77.8510, -4.3070

■ 144.9110,
-89.0840, -4.4760

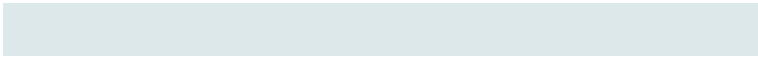
■ 133.0390,
-101.1880, -5.3800

■ 120.8790,
-112.4210, -5.5490

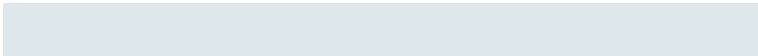
Harmonies

Analogous

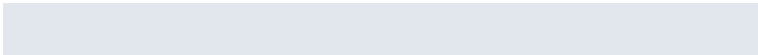
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5260, -7.4730, -2.2330



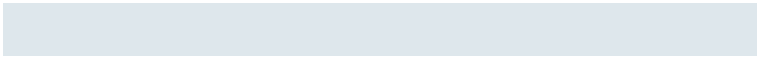
228.8790, -6.9690, -0.3530



229.6020, -4.6310, 1.3290

Triad

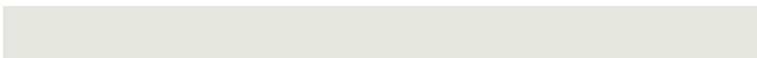
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.8790, -6.9690, -0.3530



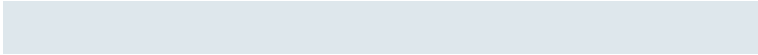
230.6310, 5.5930, 3.2650



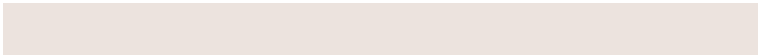
228.9030, 1.6510, -2.3890

Complementary

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



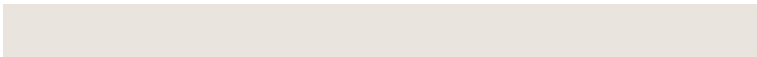
228.8790, -6.9690, -0.3530



229.1210, 6.9690, 0.3530

Split Complementary

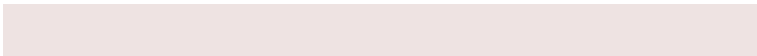
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.3980, 4.6310, -1.3290



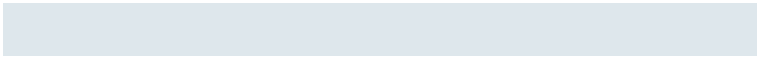
228.8790, -6.9690, -0.3530



230.1750, 6.8770, 2.0210

Square

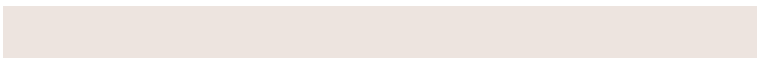
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



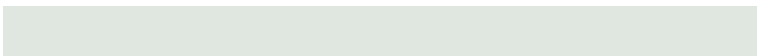
228.8790, -6.9690, -0.3530



230.7770, 2.2460, 3.3500



230.1210, 6.9690, 0.3530



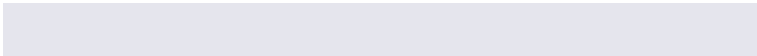
228.2230, -2.2460, -3.3500

Rectangle

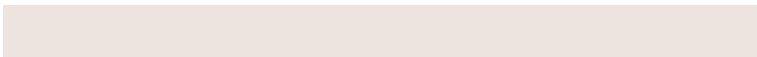
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



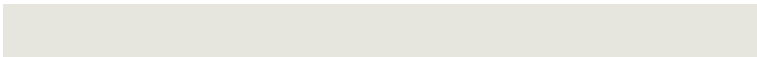
228.8790, -6.9690, -0.3530



229.9120, -2.5680, 2.4880



230.1210, 6.9690, 0.3530



229.0880, 2.5680, -2.4880

Sweetspot

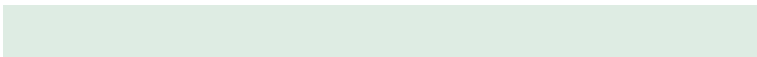
The Sweet Spot groups the original color and five complimentary colors.



228.8790, -6.9690, -0.3530



252.3310, -2.4300, -0.0140



230.7880, -5.4550, -5.7670



126.5160, -1.5130, -0.1130



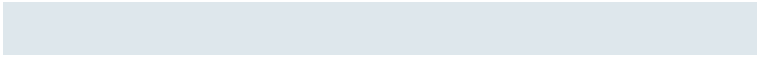
0.0000, 0.0000, 0.0000



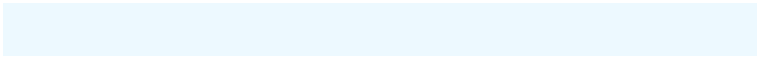
128.0000, -0.0000, -0.0000

Same Dimension

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



228.8790, -6.9690, -0.3530



246.0960, -9.0780, -0.6780



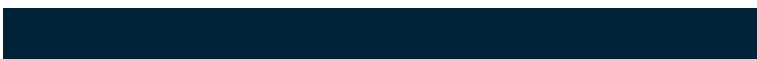
224.7700, -5.0440, 3.3080



112.5480, -4.5390, -0.3390



89.3130, -90.2760, -4.9000



26.1140, -26.6840, -0.9880

Inverse Universe

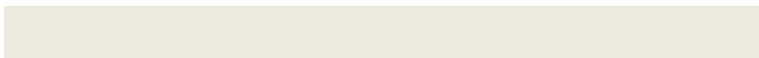
The Inverse Universe completely reimagines the original color for something new.



227.2120, 5.4550, 5.7670



243.7500, 6.8760, 7.5480



233.2300, 5.0440, -3.3080



111.3750, 3.4380, 3.7740



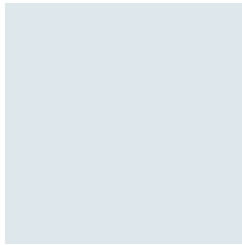
67.4570, 70.3190, 74.7590



20.0220, 21.2700, 22.0220

Previews

White Background



This preview shows how the YIQ color 228.8790, -6.9690, -0.3530 looks on a white background.

Color Contrast Check

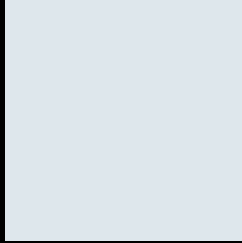
Large Text (above 18pt) WCAG AA × Fail

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 228.8790, -6.9690, -0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

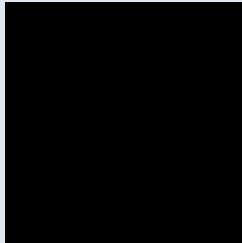
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

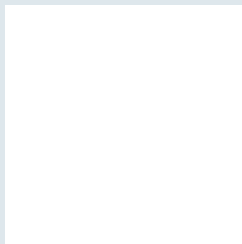
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.8790, -6.9690, -0.3530

Background



This preview shows how black text looks on a background with the YIQ color 228.8790, -6.9690, -0.3530.



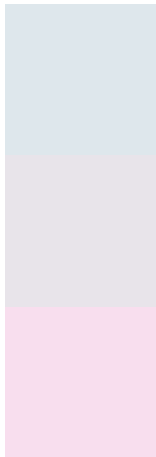
This preview shows how white text looks on a background with the YIQ color 228.8790, -6.9690,

-0.3530.

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

228.8790, -6.9690, -0.3530

Protanopia

229.8800, 0.4580, 2.7140

Deuteranopia

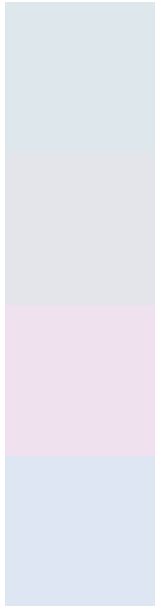
231.5980, 10.3600, 10.4880



Tritanopia

229.5570, -8.7580, 4.5380

Trichromacy



Original Color

228.8790, -6.9690, -0.3530

Protanomaly

229.3850, -2.5220, 1.6540

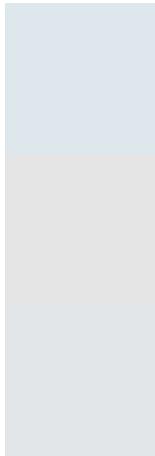
Deuteranomaly

230.5540, 4.4920, 6.7000

Tritanomaly

229.3890, -8.3450, 2.5590

Monochromacy



Original Color

228.8790, -6.9690, -0.3530

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.8790, -6.9690, -0.3530 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(222, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 236)  
}
```

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(222, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 236) }
```

Border

The CSS property to change the border of an element to YIQ 228.8790, -6.9690, -0.3530 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(222, 231, 236) }
```


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

```
.border{ border-color:rgb(222, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8790, -6.9690, -0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 236) }
```

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

```
.background{ background-color: rgb(222,  
231, 236) }
```

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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