

Converting Colors

YIQ(223.4380, -10.0410, 0.2550)

Have a look what the booklet for
YIQ(223.4380, -10.0410, 0.2550)
contains.

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Color

**YIQ(223.4380, -10.0410,
0.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E2EB
RGB	214, 226, 235
RGB Percent	84%, 89%, 92%
CMY	0.1608, 0.1137, 0.0785
CMYK	0.09, 0.04, 0.00, 0.08
HSL	206°, 34%, 88%
HSV	206°, 9%, 92%
XYZ	69.9213, 74.6882, 89.3192
YIQ	223.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

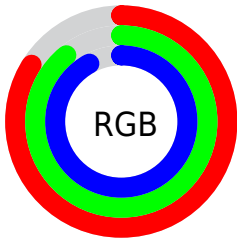
Format	Color
R _Y B	214, 222, 235
Decimal	14082795
CIE Lab	89.25, -2.29, -5.76
CIE LCh	89, 6.199, 248.365
Yxy	74.6882, 0.2989, 0.3193
Android (android.graphics.Color)	4292272875 (0xFFD6E2EB)
YUV	223.4380, 5.7001, -8.2771
Hunter-Lab	86.4223, -6.8211, -0.7818

Details

The YIQ color $223.4380, -10.0410, 0.2550$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.5620, 10.0410, -0.2550$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.3240, -9.7200, -0.0560$ is the 20% darker color. If you saturate the color by 10%, you get $210.3920, -21.5950, 0.3970$, and if you desaturate by 10%, it is $236.1850, 0.9170, -0.0990$.

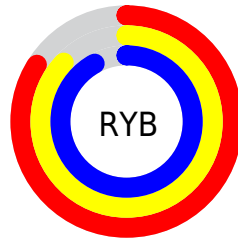
Distribution



Red (84%)

Green (89%)

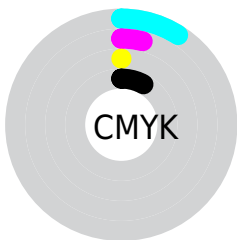
Blue (92%)



Red (84%)

Yellow (87%)

Blue (92%)

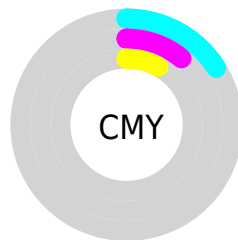


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (16%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.4380, -10.0410, 0.2550 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 223.4380, -10.0410, 0.2550 by changing the saturation by 10% instead.

■ 223.4380,
-10.0410, 0.2550

■ 223.4380,
-10.0410, 0.2550

255.0000, -0.0000,
-0.0000

■ 195.4380,
-10.0410, 0.2550

■ 168.3240, -9.7200,
-0.0560

■ 141.7370, -9.4450,
0.4670

■ 116.6230, -9.1240,
0.1560

■ 91.6230, -9.1240,
0.1560

■ 67.9220, -8.5280,
0.3680

■ 45.8080, -8.2070,

0.0570

■ 24.8080, -8.2070,
0.0570

■ 1.2540, -3.5310,
3.4210

■ 223.4380,
-10.0410, 0.2550

■ 223.4380,
-10.0410, 0.2550

■ 210.3920,
-21.5950, 0.3970

■ 236.1850, 0.9170,
-0.0990

■ 197.6450,
-32.5530, 0.7510

■ 247.4370, 8.8950,
-1.5130

■ 184.5990,
-44.1070, 0.8930

■ 252.7200, 6.4200,
-6.2200

■ 171.8520,
-55.0650, 1.2470

■ 159.1050,
-66.0230, 1.6010

■ 146.0590,
-77.5770, 1.7430

■ 133.3120,
-88.5350, 2.0970

■ 120.2660,
-100.0890, 2.2390

■ 107.5190,
-111.0470, 2.5930

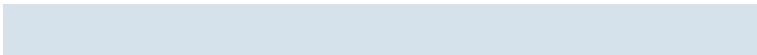
Harmonies

Analogous

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



222.3730, -11.4160, -2.3600



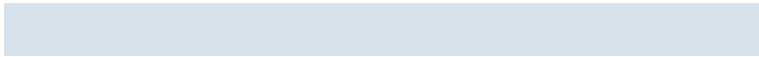
223.4380, -10.0410, 0.2550



224.1720, -6.2360, 2.8840

Triad

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



223.4380, -10.0410, 0.2550



225.4250, 9.1690, 4.5370



223.2510, 0.5510, -4.4810

Complementary

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



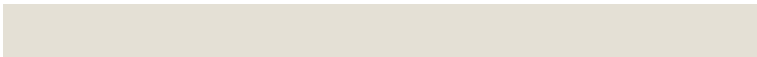
223.4380, -10.0410, 0.2550



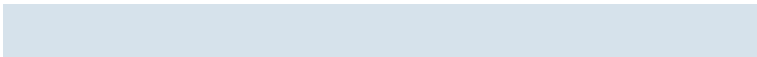
225.5620, 10.0410, -0.2550

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.



223.9420, 5.9150, -2.5730



223.4380, -10.0410, 0.2550



225.3280, 10.8200, 2.1480

Square

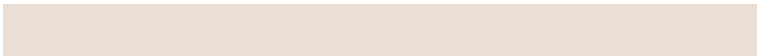
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.4380, -10.0410, 0.2550



225.7990, 5.1800, 5.2440



224.5620, 10.0410, -0.2550



222.3150, -5.5010, -4.9330

Rectangle

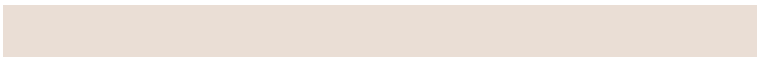
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.4380, -10.0410, 0.2550



224.9660, -2.6600, 4.1560



224.5620, 10.0410, -0.2550



223.7350, 2.0640, -4.3680

Sweetspot

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



223.4380, -10.0410, 0.2550



250.8470, -3.9430, -0.1270



227.3530, -8.6640, -8.1840



124.4450, -2.7510, 0.2970



0.0000, 0.0000, 0.0000



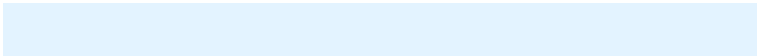
128.0000, -0.0000, -0.0000

Same Dimension

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



223.4380, -10.0410, 0.2550



239.5840, -13.3880, 0.3400



217.5680, -7.2910, 5.4850



110.7760, -5.1810, 0.2830



81.6820, -86.7010, 1.8990



24.3530, -25.8590, 0.5810

Inverse Universe

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



221.6470, 8.6640, 8.1840



237.1960, 11.5520, 10.9120



231.4320, 7.2910, -5.4850



109.9730, 4.6300, 4.1980



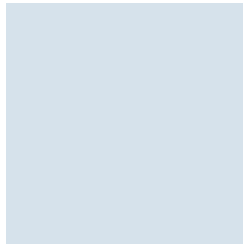
65.9750, 74.4920, 70.7160



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 223.4380, -10.0410, 0.2550 looks on a white background.

Color Contrast Check

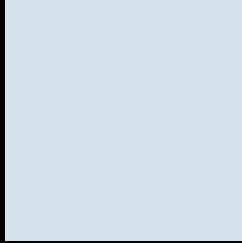
Large Text (above 18pt) WCAG AA × Fail

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 223.4380, -10.0410, 0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

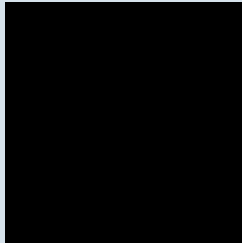
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

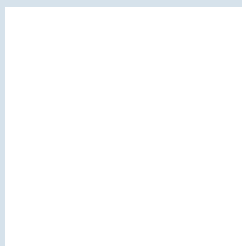
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.4380, -10.0410, 0.2550

Background



This preview shows how black text looks on a background with the YIQ color 223.4380, -10.0410, 0.2550.



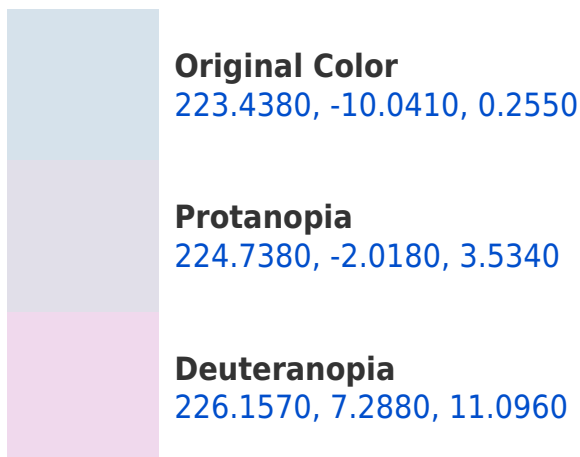
This preview shows how white text looks on a background with the YIQ color 223.4380, -10.0410,

0.2550.

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

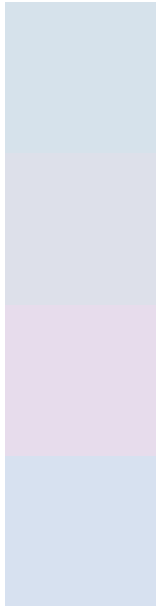




Tritanopia

224.0620, -11.7380, 3.4780

Trichromacy



Original Color

223.4380, -10.0410, 0.2550

Protanomaly

224.2430, -4.9980, 2.4740

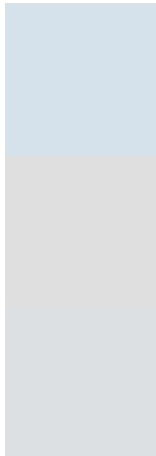
Deuteranomaly

225.1130, 1.4200, 7.3080

Tritanomaly

223.7200, -10.7750, 2.5450

Monochromacy



Original Color

223.4380, -10.0410, 0.2550

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1460, -3.3470, 0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.4380, -10.0410, 0.2550 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(214, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 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(214, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 235) }
```

Border

The CSS property to change the border of an element to YIQ 223.4380, -10.0410, 0.2550 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(214, 226, 235) }
```


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

```
.border{ border-color:rgb(214, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 223.4380, -10.0410, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 235) }
```

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

```
.background{ background-color: rgb(214,  
226, 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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