

Converting Colors

YIQ(230.0900, -8.9410, 2.3470)

Have a look what the booklet for
YIQ(230.0900, -8.9410, 2.3470)
contains.

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Color

**YIQ(230.0900, -8.9410,
2.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE7F4
RGB	223, 231, 244
RGB Percent	87%, 91%, 96%
CMY	0.1255, 0.0941, 0.0432
CMYK	0.09, 0.05, 0.00, 0.04
HSL	217°, 49%, 92%
HSV	217°, 9%, 96%
XYZ	75.3348, 79.3722, 96.9285
YIQ	230.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

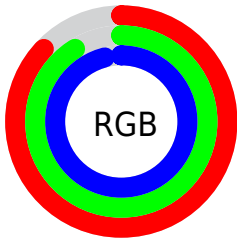
Format	Color
R _Y B	223, 229, 244
Decimal	14673908
CIE Lab	91.40, -0.22, -7.22
CIE LCh	91, 7.222, 268.277
Yxy	79.3722, 0.2994, 0.3154
Android (android.graphics.Color)	4292863988 (0xFFDFE7F4)
YUV	230.0900, 6.8576, -6.2179
Hunter-Lab	89.0911, -4.9710, -2.1420

Details

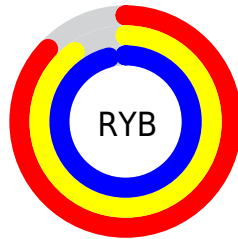
The YIQ color **230.0900, -8.9410, 2.3470** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236.9100, 8.9410, -2.3470**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **174.3890, -8.3450, 2.5590** is the 20% darker color. If you saturate the color by 10%, you get **214.1090, -19.1200, 5.1040**, and if you desaturate by 10%, it is **246.0710, 1.2380, -0.4100**.

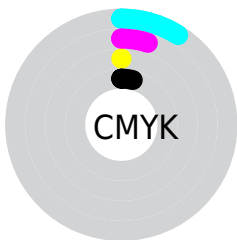
Distribution



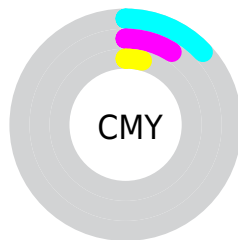
- Red (87%)
- Green (91%)
- Blue (96%)



- Red (87%)
- Yellow (90%)
- Blue (96%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.0900, -8.9410, 2.3470 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 230.0900, -8.9410, 2.3470 by changing the saturation by 10% instead.

■ 230.0900, -8.9410,
2.3470

■ 230.0900, -8.9410,
2.3470

255.0000, -0.0000,
-0.0000

■ 202.0900, -8.9410,
2.3470

■ 174.3890, -8.3450,
2.5590

■ 147.9760, -8.6200,
2.0360

■ 122.2750, -8.0240,
2.2480

■ 97.1610, -7.7030,
1.9370

■ 73.1610, -7.7030,
1.9370

■ 51.0470, -7.3820,

1.6260

■ 29.9330, -7.0610,
1.3150

■ 5.8020, -8.0700,
3.0820

■ 230.0900, -8.9410,
2.3470

■ 230.0900, -8.9410,
2.3470

■ 214.1090,
-19.1200, 5.1040

■ 246.0710, 1.2380,
-0.4100

■ 197.8290,
-29.8950, 7.6490

■ 253.7460, 3.5310,
-3.4210

■ 181.8480,
-40.0740, 10.4060

■ 165.5680,
-50.8490, 12.9510

■ 149.5870,
-61.0280, 15.7080

■ 133.0190,
-70.9320, 18.9880

■ 116.7390,
-81.7070, 21.5330

■ 100.7580,
-91.8860, 24.2900

■ 84.4780,
-102.6610, 26.8350

Harmonies

Analogous

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



228.9430, -13.0210, -0.8050



230.0900, -8.9410, 2.3470



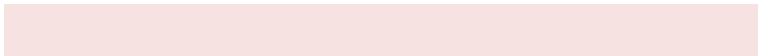
231.0800, -2.9810, 4.4670

Triad

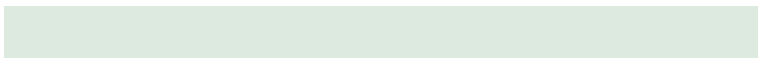
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.0900, -8.9410, 2.3470



231.7520, 12.5620, 3.6180



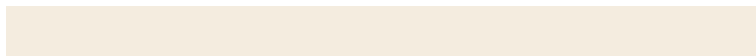
228.8590, -4.2170, -6.1770

Complementary

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



230.0900, -8.9410, 2.3470



236.9100, 8.9410, -2.3470

Split Complementary

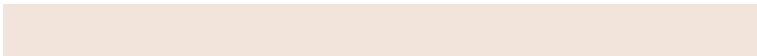
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.5070, 2.7060, -4.9900



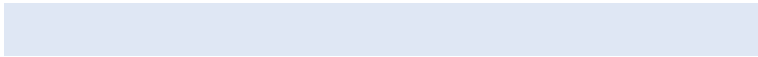
230.0900, -8.9410, 2.3470



231.4590, 11.8290, 0.3810

Square

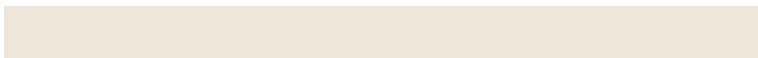
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.0900, -8.9410, 2.3470



231.9520, 9.1230, 5.3710



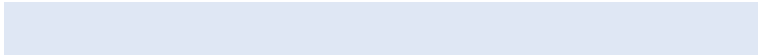
230.6110, 8.3450, -2.5590



228.4500, -10.3150, -5.7950

Rectangle

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



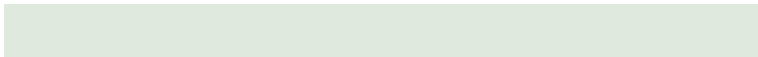
230.0900, -8.9410, 2.3470



231.4720, 1.7870, 6.1630



230.6110, 8.3450, -2.5590



228.9410, -1.5120, -5.6400

Sweetspot

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



230.0900, -8.9410, 2.3470



249.6730, -3.3930, 0.9190



236.8090, -9.9480, -6.9400



123.8580, -2.4760, 0.8200



0.0000, 0.0000, 0.0000



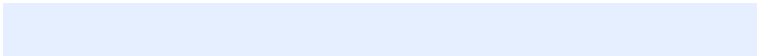
128.0000, -0.0000, -0.0000

Same Dimension

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



230.0900, -8.9410, 2.3470



238.1330, -10.5000, 3.0680



225.9920, -5.5490, 6.9550



114.3030, -5.2270, 1.1170



62.8810, -79.2310, 20.7130



19.6400, -24.9890, 6.8430

Inverse Universe

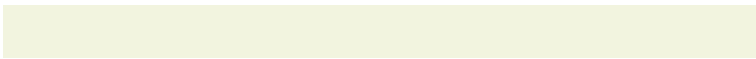
The Inverse Universe completely reimagines the original color for something new.



230.1910, 9.9480, 6.9400



238.5010, 12.0110, 8.0990



241.0080, 5.5490, -6.9550



114.1580, 5.5470, 4.0990



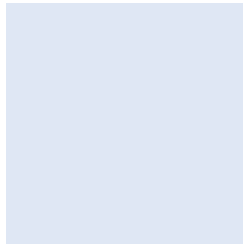
63.7080, 88.0650, 61.5130



20.1490, 28.1020, 19.3500

Previews

White Background



This preview shows how the YIQ color 230.0900, -8.9410, 2.3470 looks on a white background.

Color Contrast Check

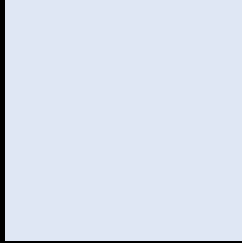
Large Text (above 18pt) WCAG AA × Fail

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 230.0900, -8.9410, 2.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

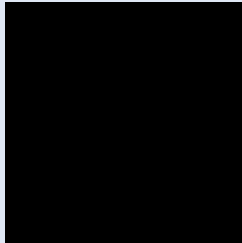
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

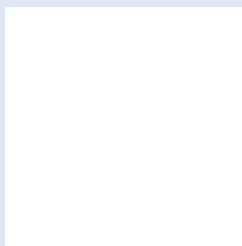
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.0900, -8.9410, 2.3470

Background



This preview shows how black text looks on a background with the YIQ color 230.0900, -8.9410, 2.3470.



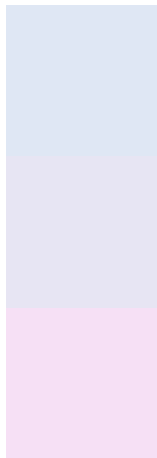
This preview shows how white text looks on a background with the YIQ color 230.0900, -8.9410,

2.3470.

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

230.0900, -8.9410, 2.3470

Protanopia

231.1940, -3.3020, 4.7780

Deuteranopia

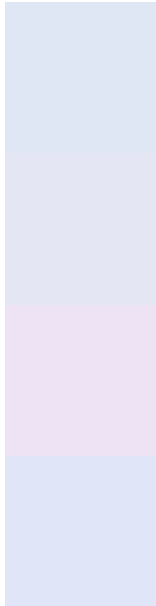
232.9720, 6.3710, 11.1950



Tritanopia

230.3720, -9.6750, 4.6370

Trichromacy



Original Color

230.0900, -8.9410, 2.3470

Protanomaly

230.8840, -5.3650, 3.6190

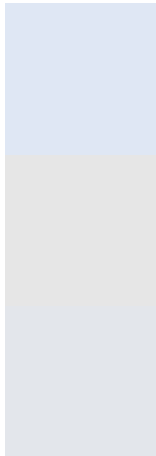
Deuteranomaly

232.3410, 0.7780, 7.9300

Tritanomaly

230.1440, -9.0330, 4.0150

Monochromacy



Original Color

230.0900, -8.9410, 2.3470

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.6730, -3.3930, 0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.0900, -8.9410, 2.3470 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(223, 231, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 244)  
}
```

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(223, 231, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 244) }
```

Border

The CSS property to change the border of an element to YIQ 230.0900, -8.9410, 2.3470 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(223, 231, 244) }
```


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

```
.border{ border-color:rgb(223, 231, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 231, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 244);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 230.0900, -8.9410, 2.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 244) }
```

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

```
.background{ background-color: rgb(223,  
231, 244) }
```

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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