

Converting Colors

YIQ(230.7140, -10.6380, 5.5700)

Have a look what the booklet for
YIQ(230.7140, -10.6380, 5.5700)
contains.

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Color

**YIQ(230.7140, -10.6380,
5.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6FC
RGB	224, 230, 252
RGB Percent	88%, 90%, 99%
CMY	0.1216, 0.0980, 0.0118
CMYK	0.11, 0.09, 0.00, 0.01
HSL	227°, 82%, 93%
HSV	227°, 11%, 99%
XYZ	76.6062, 79.4697, 103.3845
YIQ	230.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

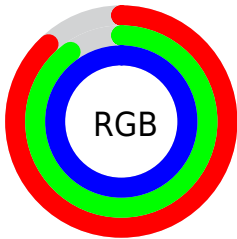
Format	Color
R _Y B	224, 229, 252
Decimal	14739196
CIE Lab	91.45, 2.18, -11.32
CIE LCh	91, 11.531, 280.909
Yxy	79.4697, 0.2953, 0.3063
Android (android.graphics.Color)	4292929276 (0xFFE0E6FC)
YUV	230.7140, 10.4940, -5.8882
Hunter-Lab	89.1458, -2.6134, -6.3580

Details

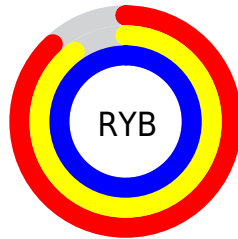
The YIQ color $230.7140, -10.6380, 5.5700$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.2860, 10.6380, -5.5700$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.4860, -9.9960, 4.9480$ is the 20% darker color. If you saturate the color by 10%, you get $211.4990, -20.0380, 10.7300$, and if you desaturate by 10%, it is $249.9290, -1.2380, 0.4100$.

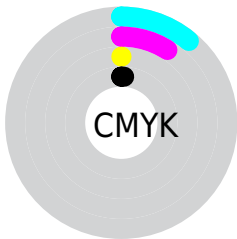
Distribution



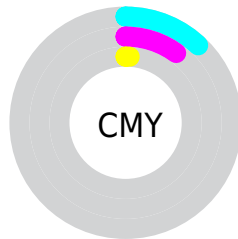
- Red (88%)
- Green (90%)
- Blue (99%)



- Red (88%)
- Yellow (90%)
- Blue (99%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.7140, -10.6380, 5.5700 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 230.7140, -10.6380, 5.5700 by changing the saturation by 10% instead.

■ 230.7140,
-10.6380, 5.5700

■ 230.7140,
-10.6380, 5.5700

255.0000, -0.0000,
-0.0000

■ 202.6000,
-10.3170, 5.2590

■ 175.4860, -9.9960,
4.9480

■ 148.4860, -9.9960,
4.9480

■ 122.4860, -9.9960,
4.9480

■ 97.6710, -9.0790,
4.8490

■ 74.2580, -9.3540,
4.3260

■ 51.1440, -9.0330,

4.0150

■ 30.0300, -8.7120,
3.7040

■ 5.7850, -9.4000,
5.1600

■ 230.7140,
-10.6380, 5.5700

■ 230.7140,
-10.6380, 5.5700

■ 211.4990,
-20.0380, 10.7300

■ 249.9290, -1.2380,
0.4100

■ 192.2840,
-29.4380, 15.8900

■ 254.6580, 0.9630,
-0.9330

■ 173.3570,
-39.7090, 20.3150

■ 154.1420,
-49.1090, 25.4750

■ 134.9270,
-58.5090, 30.6350

■ 115.7120,
-67.9090, 35.7950

■ 96.4970, -77.3090,
40.9550

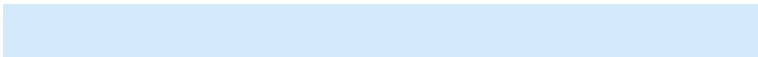
■ 77.5700, -87.5800,
45.3800

■ 60.4260, -95.7420,
50.1300

Harmonies

Analogous

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



229.0610, -19.1650, 0.4110



230.7140, -10.6380, 5.5700



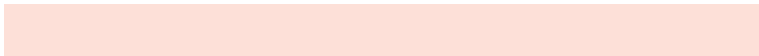
231.9820, 0.4110, 9.0750

Triad

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



230.7140, -10.6380, 5.5700



231.7590, 19.8520, 3.6600



227.6300, -11.0020, -9.8660

Complementary

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



230.7140, -10.6380, 5.5700



245.2860, 10.6380, -5.5700

Split Complementary

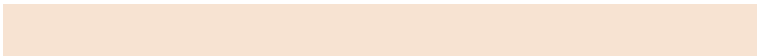
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.4310, -0.1360, -8.5520



230.7140, -10.6380, 5.5700



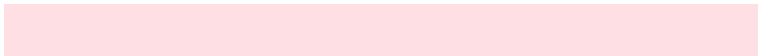
231.0420, 17.3770, -1.0470

Square

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



230.7140, -10.6380, 5.5700



232.7250, 17.1920, 7.8160



229.6880, 9.4460, -5.9940



226.7910, -18.7050, -7.9290

Rectangle

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



230.7140, -10.6380, 5.5700



233.1030, 7.3800, 9.4280



229.6880, 9.4460, -5.9940



227.7830, -7.0590, -9.7390

Sweetspot

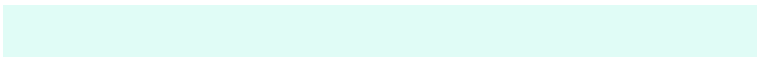
The Sweet Spot groups the original color and five complimentary colors.



230.7140, -10.6380, 5.5700



249.0860, -3.1180, 1.4420



242.9440, -14.7620, -7.8020



123.2710, -2.2010, 1.3430



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.



230.7140, -10.6380, 5.5700



229.8710, -12.5180, 6.6020



229.5840, -4.2200, 10.4040



115.2430, -4.9980, 2.4740



45.0260, -71.6690, 37.8590



14.5850, -23.1560, 12.1720

Inverse Universe

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



233.0560, 14.7620, 7.8020



232.6650, 17.4210, 9.1730



246.4160, 4.2200, -10.4040



116.2290, 6.7850, 3.6890



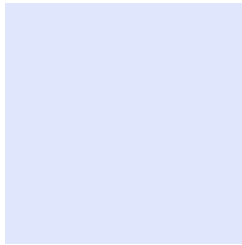
61.0710, 99.8040, 52.5080



19.7210, 32.1830, 16.9750

Previews

White Background



This preview shows how the YIQ color 230.7140, -10.6380, 5.5700 looks on a white background.

Color Contrast Check

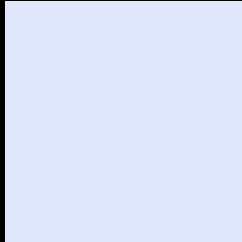
Large Text (above 18pt) WCAG AA × Fail

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 230.7140, -10.6380, 5.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

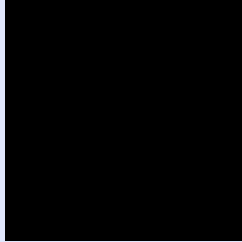
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.7140, -10.6380, 5.5700

Background



This preview shows how black text looks on a background with the YIQ color 230.7140, -10.6380, 5.5700.



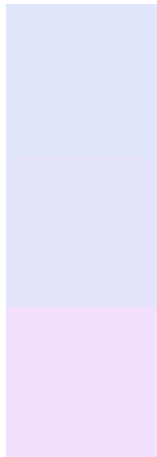
This preview shows how white text looks on a background with the YIQ color 230.7140, -10.6380,

5.5700.

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

230.7140, -10.6380, 5.5700

Protanopia

231.2090, -7.6580, 6.6300

Deuteranopia

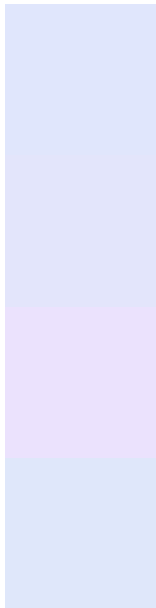
232.6880, 1.4190, 12.8350



Tritanopia

230.6600, -10.5460, 3.9020

Trichromacy



Original Color

230.7140, -10.6380, 5.5700

Protanomaly

230.9100, -8.2540, 6.4180

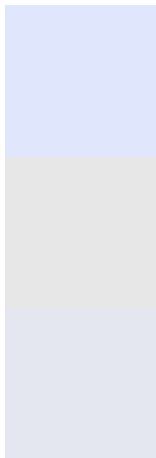
Deuteranomaly

231.7690, -3.3030, 10.3050

Tritanomaly

230.7740, -10.8670, 4.2130

Monochromacy



Original Color

230.7140, -10.6380, 5.5700

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.7140, -10.6380, 5.5700 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(224, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 252)  
}
```

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(224, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 252) }
```

Border

The CSS property to change the border of an element to YIQ 230.7140, -10.6380, 5.5700 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(224, 230, 252) }
```


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

```
.border{ border-color:rgb(224, 230, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 230, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 230.7140, -10.6380, 5.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 252) }
```

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

```
.background{ background-color: rgb(224,  
230, 252) }
```

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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