

Converting Colors

YIQ(233.7140, -10.6380, 5.5700)

Have a look what the booklet for
YIQ(233.7140, -10.6380, 5.5700)
contains.

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Color

**YIQ(233.7140, -10.6380,
5.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E9FF
RGB	227, 233, 255
RGB Percent	89%, 91%, 100%
CMY	0.1098, 0.0862, 0.0001
CMYK	0.11, 0.09, 0.00, 0.00
HSL	227°, 100%, 95%
HSV	227°, 11%, 100%
XYZ	78.8657, 81.8292, 106.2329
YIQ	233.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

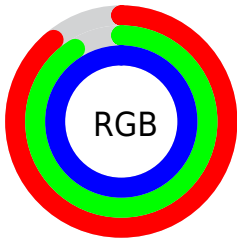
Format	Color
R_{YB}	227, 232, 255
Decimal	14936575
CIE _{Lab}	92.50, 2.17, -11.30
CIE _{LCh}	92, 11.503, 280.892
Yxy	81.8292, 0.2955, 0.3066
Android (android.graphics.Color)	4293126655 (0xFFE3E9FF)
YUV	233.7140, 10.4940, -5.8882
Hunter-Lab	90.4595, -2.6816, -6.3068

Details

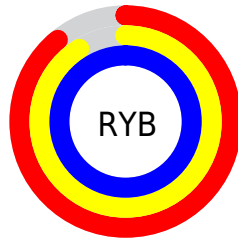
The YIQ color $233.7140, -10.6380, 5.5700$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $248.2860, 10.6380, -5.5700$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.8990, -9.7210, 5.4710$ is the 20% darker color. If you saturate the color by 10%, you get $214.4990, -20.0380, 10.7300$, and if you desaturate by 10%, it is $253.2280, -0.6420, 0.6220$.

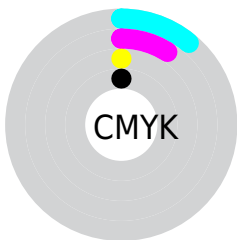
Distribution



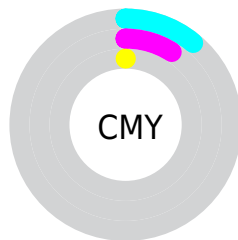
- Red (89%)
- Green (91%)
- Blue (100%)



- Red (89%)
- Yellow (91%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.7140, -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 233.7140, -10.6380, 5.5700 by changing the saturation by 10% instead.

■ 233.7140,
-10.6380, 5.5700

■ 233.7140,
-10.6380, 5.5700

255.0000, -0.0000,
-0.0000

■ 205.6000,
-10.3170, 5.2590

■ 177.8990, -9.7210,
5.4710

■ 151.4860, -9.9960,
4.9480

■ 125.3720, -9.6750,
4.6370

■ 100.3720, -9.6750,
4.6370

■ 76.2580, -9.3540,
4.3260

■ 53.4430, -8.4370,

4.2270

■ 32.0300, -8.7120,
3.7040

■ 8.9590, -9.9500,
4.1140

■ 233.7140,
-10.6380, 5.5700

■ 233.7140,
-10.6380, 5.5700

■ 214.4990,
-20.0380, 10.7300

■ 253.2280, -0.6420,
0.6220

■ 194.9850,
-30.0340, 15.6780

■ 255.0000, -0.0000,
-0.0000

■ 175.7700,
-39.4340, 20.8380

■ 156.2560,
-49.4300, 25.7860

■ 137.0410,
-58.8300, 30.9460

■ 117.5270,
-68.8260, 35.8940

■ 98.3120, -78.2260,
41.0540

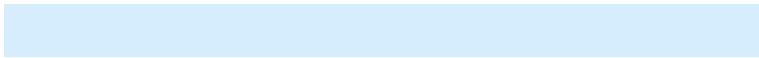
■ 78.7980, -88.2220,
46.0020

■ 61.3550, -96.9800,
50.5400

Harmonies

Analogous

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



232.0610, -19.1650, 0.4110



233.7140, -10.6380, 5.5700



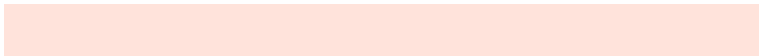
234.9820, 0.4110, 9.0750

Triad

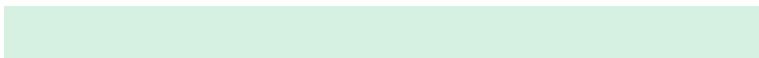
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.7140, -10.6380, 5.5700



234.4600, 19.2560, 3.4480



230.6300, -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.



233.7140, -10.6380, 5.5700



248.2860, 10.6380, -5.5700

Split Complementary

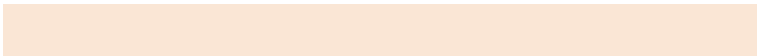
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.4310, -0.1360, -8.5520



233.7140, -10.6380, 5.5700



234.0420, 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.



233.7140, -10.6380, 5.5700



235.1270, 16.0000, 7.3920



232.6880, 9.4460, -5.9940



229.7910, -18.7050, -7.9290

Rectangle

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



233.7140, -10.6380, 5.5700



236.1030, 7.3800, 9.4280



232.6880, 9.4460, -5.9940



230.7830, -7.0590, -9.7390

Sweetspot

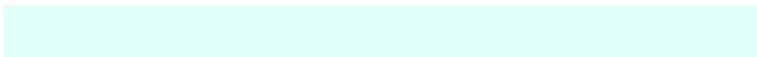
The Sweet Spot groups the original color and five complimentary colors.



233.7140, -10.6380, 5.5700



249.0860, -3.1180, 1.4420



245.9440, -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.



233.7140, -10.6380, 5.5700



229.8710, -12.5180, 6.6020



232.5840, -4.2200, 10.4040



117.6560, -4.7230, 2.9970



45.8410, -72.5860, 37.9580



15.5140, -24.3940, 12.5820

Inverse Universe

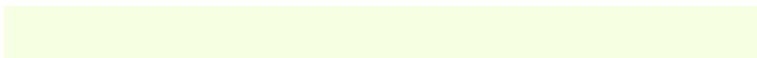
The Inverse Universe completely reimagines the original color for something new.



236.0560, 14.7620, 7.8020



232.6650, 17.4210, 9.1730



249.4160, 4.2200, -10.4040



119.1150, 7.1060, 3.3780



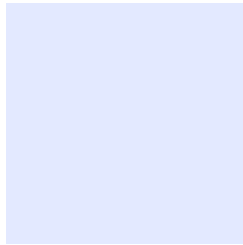
61.7830, 100.6750, 53.2430



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 233.7140, -10.6380, 5.5700 looks on a white background.

Color Contrast Check

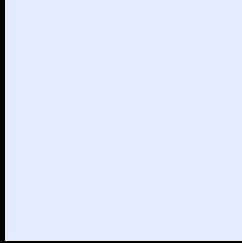
Large Text (above 18pt) WCAG AA × Fail

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 233.7140, -10.6380, 5.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

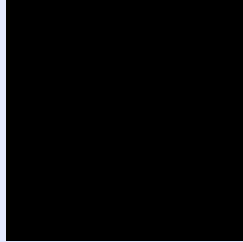
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 233.7140, -10.6380, 5.5700

Background



This preview shows how black text looks on a background with the YIQ color 233.7140, -10.6380, 5.5700.



This preview shows how white text looks on a background with the YIQ color 233.7140, -10.6380, 5.5700.

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

233.7140, -10.6380, 5.5700

Protanopia

234.2090, -7.6580, 6.6300

Deuteranopia

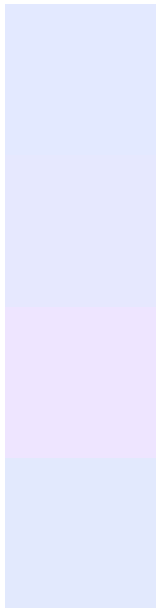
235.5740, 1.7400, 12.5240



Tritanopia

233.0730, -10.2710, 4.4250

Trichromacy



Original Color

233.7140, -10.6380, 5.5700

Protanomaly

233.9100, -8.2540, 6.4180

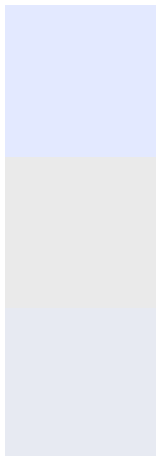
Deuteranomaly

234.6550, -2.9820, 9.9940

Tritanomaly

233.1870, -10.5920, 4.7360

Monochromacy



Original Color

233.7140, -10.6380, 5.5700

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

234.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.7140, -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(227, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 233, 255)  
}
```

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(227, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 233, 255) }
```

Border

The CSS property to change the border of an element to YIQ 233.7140, -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(227, 233, 255) }
```


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

```
.border{ border-color:rgb(227, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 233, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 233, 255); box-shadow:4px 4px 4px 4px rgb(227, 233, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 233.7140, -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(227, 233, 255) }
```

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

```
.background{ background-color: rgb(227,  
233, 255) }
```

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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