

Converting Colors

YIQ(230.0620, -11.7380, 3.4780)

Have a look what the booklet for
YIQ(230.0620, -11.7380, 3.4780)
contains.

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Color

**YIQ(230.0620, -11.7380,
3.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE7F9
RGB	221, 231, 249
RGB Percent	87%, 91%, 98%
CMY	0.1333, 0.0941, 0.0236
CMYK	0.11, 0.07, 0.00, 0.02
HSL	219°, 70%, 92%
HSV	219°, 11%, 98%
XYZ	75.4914, 79.3644, 100.9500
YIQ	230.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

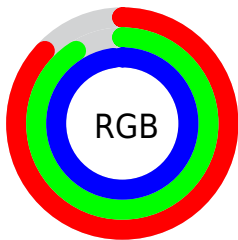
Format	Color
R _Y B	221, 228, 249
Decimal	14542841
CIE Lab	91.40, 0.12, -9.85
CIE LCh	91, 9.850, 270.688
Yxy	79.3644, 0.2951, 0.3103
Android (android.graphics.Color)	4292732921 (0xFFDDE7F9)
YUV	230.0620, 9.3364, -7.9474
Hunter-Lab	89.0867, -4.6423, -4.8246

Details

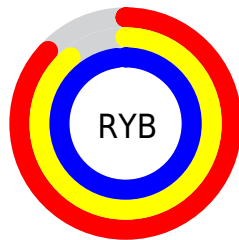
The YIQ color $230.0620, -11.7380, 3.4780$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.9380, 11.7380, -3.4780$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.3610, -11.1420, 3.6900$ is the 20% darker color. If you saturate the color by 10%, you get $213.1950, -22.2380, 6.5460$, and if you desaturate by 10%, it is $246.9290, -1.2380, 0.4100$.

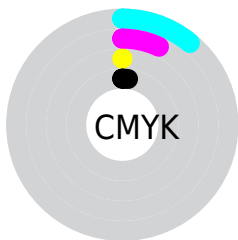
Distribution



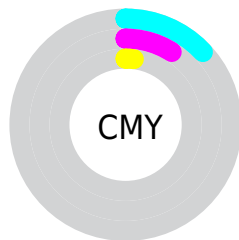
- Red (87%)
- Green (91%)
- Blue (98%)



- Red (87%)
- Yellow (89%)
- Blue (98%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.0620, -11.7380, 3.4780 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 230.0620, -11.7380, 3.4780 by changing the saturation by 10% instead.

■ 230.0620,
-11.7380, 3.4780

■ 230.0620,
-11.7380, 3.4780

255.0000, -0.0000,
-0.0000

■ 201.9480,
-11.4170, 3.1670

■ 174.3610,
-11.1420, 3.6900

■ 147.8340,
-11.0960, 2.8560

■ 122.1330,
-10.5000, 3.0680

■ 97.1330, -10.5000,
3.0680

■ 73.0190, -10.1790,
2.7570

■ 50.9050, -9.8580,

2.4460

■ 29.7910, -9.5370,
2.1350

■ 6.1440, -9.0330,
4.0150

■ 230.0620,
-11.7380, 3.4780

■ 230.0620,
-11.7380, 3.4780

■ 213.1950,
-22.2380, 6.5460

■ 246.9290, -1.2380,
0.4100

■ 196.3280,
-32.7380, 9.6140

■ 254.3160, 1.9260,
-1.8660

■ 179.4610,
-43.2380, 12.6820

■ 162.5940,
-53.7380, 15.7500

■ 146.0260,
-63.6420, 19.0300

■ 129.1590,
-74.1420, 22.0980

■ 112.2920,
-84.6420, 25.1660

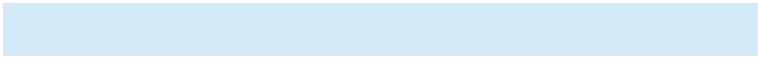
■ 95.4250, -95.1420,
28.2340

■ 80.6290,
-104.4040, 30.8920

Harmonies

Analogous

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



228.7900, -16.9640, -0.9320



230.0620, -11.7380, 3.4780



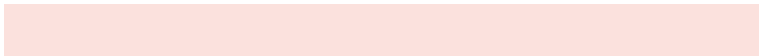
231.6610, -3.1190, 6.9690

Triad

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



230.0620, -11.7380, 3.4780



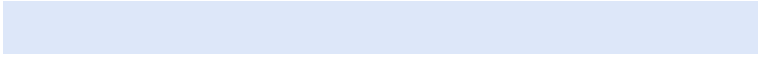
232.3180, 16.7800, 4.2680



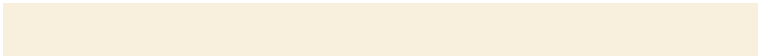
228.0220, -6.2340, -8.1700

Complementary

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



230.0620, -11.7380, 3.4780



239.9380, 11.7380, -3.4780

Split Complementary

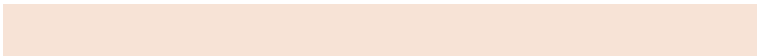
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.0400, 2.5230, -7.1810



230.0620, -11.7380, 3.4780



231.4980, 16.0930, 0.1970

Square

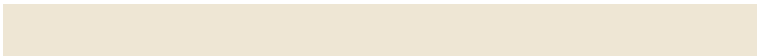
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.0620, -11.7380, 3.4780



232.4580, 13.5700, 7.3780



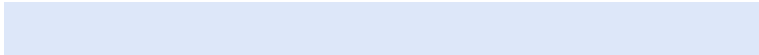
230.3400, 10.5460, -3.9020



227.2430, -14.1660, -7.5900

Rectangle

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



230.0620, -11.7380, 3.4780



232.0100, 3.2080, 7.9440



230.3400, 10.5460, -3.9020



227.9900, -3.2080, -7.9440

Sweetspot

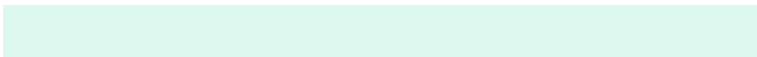
The Sweet Spot groups the original color and five complimentary colors.



230.0620, -11.7380, 3.4780



249.6730, -3.3930, 0.9190



239.4880, -13.4780, -9.0460



123.8580, -2.4760, 0.8200



0.0000, 0.0000, 0.0000



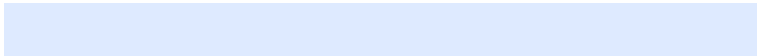
128.0000, -0.0000, -0.0000

Same Dimension

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



230.0620, -11.7380, 3.4780



232.8060, -13.8930, 3.9870



225.3880, -6.6040, 9.5560



116.4170, -5.5480, 1.4280



60.8750, -79.0940, 23.7380



19.8680, -25.6310, 7.4650

Inverse Universe

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



230.5120, 13.4780, 9.0460



233.2350, 15.8160, 10.7280



244.6120, 6.6040, -9.5560



116.4570, 6.1430, 4.3110



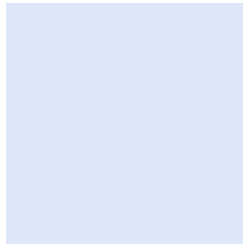
64.1490, 91.1370, 60.9050



20.7470, 29.2940, 19.7740

Previews

White Background



This preview shows how the YIQ color 230.0620, -11.7380, 3.4780 looks on a white background.

Color Contrast Check

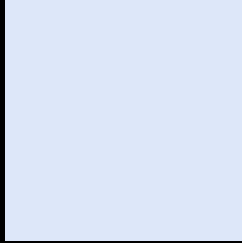
Large Text (above 18pt) WCAG AA × Fail

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 230.0620, -11.7380, 3.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

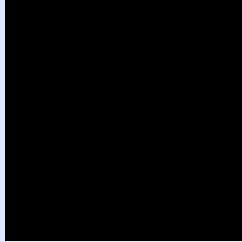
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

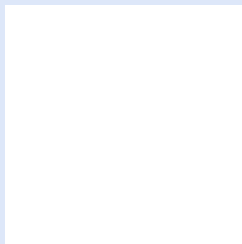
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.0620, -11.7380, 3.4780

Background



This preview shows how black text looks on a background with the YIQ color 230.0620, -11.7380, 3.4780.



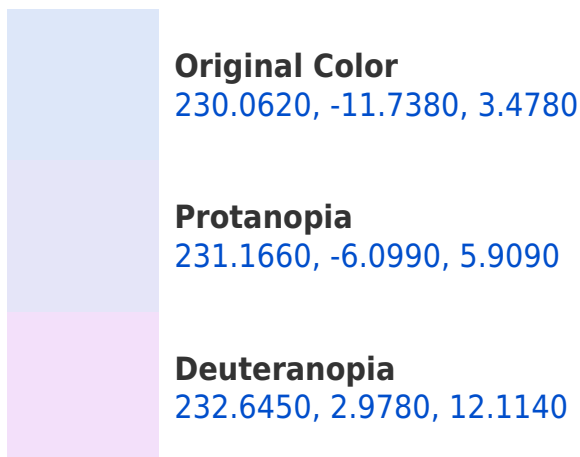
This preview shows how white text looks on a background with the YIQ color 230.0620, -11.7380,

3.4780.

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

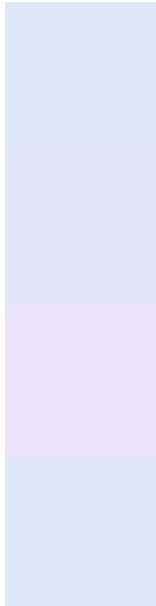




Tritanopia

230.0620, -11.7380, 3.4780

Trichromacy



Original Color

230.0620, -11.7380, 3.4780

Protanomaly

230.8560, -8.1620, 4.7500

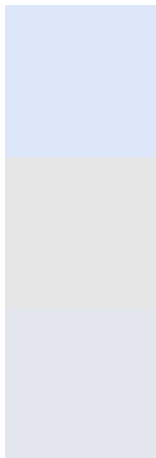
Deuteranomaly

232.0140, -2.6150, 8.8490

Tritanomaly

230.0620, -11.7380, 3.4780

Monochromacy



Original Color

230.0620, -11.7380, 3.4780

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.9010, -4.0350, 1.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.0620, -11.7380, 3.4780 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(221, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 249)  
}
```

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(221, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 249) }
```

Border

The CSS property to change the border of an element to YIQ 230.0620, -11.7380, 3.4780 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(221, 231, 249) }
```


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

```
.border{ border-color:rgb(221, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 230.0620, -11.7380, 3.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 249) }
```

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

```
.background{ background-color: rgb(221,  
231, 249) }
```

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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