

Converting Colors

YIQ(232.2930, -8.4350, -6.8270)

Have a look what the booklet for
YIQ(232.2930, -8.4350, -6.8270)
contains.

YIQ(232.2930, -8.4350, -6.8270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(232.2930, -8.4350,
-6.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEFE6
RGB	220, 239, 230
RGB Percent	86%, 94%, 90%
CMY	0.1373, 0.0627, 0.0981
CMYK	0.08, 0.00, 0.04, 0.06
HSL	152°, 37%, 90%
HSV	152°, 8%, 94%
XYZ	74.6621, 82.6641, 86.8786
YIQ	232.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

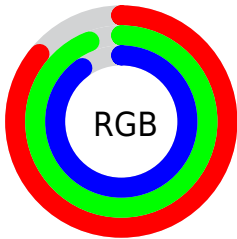
Format	Color
R _{YB}	220, 232, 239
Decimal	14479334
CIE Lab	92.87, -7.91, 2.20
CIE LCh	93, 8.212, 164.458
Yxy	82.6641, 0.3057, 0.3385
Android (android.graphics.Color)	4292669414 (0xFFDCEFE6)
YUV	232.2930, -1.1304, -10.7810
Hunter-Lab	90.9198, -12.5279, 6.9892

Details

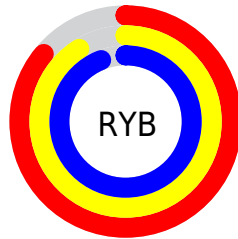
The YIQ color $232.2930, -8.4350, -6.8270$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $226.7070, 8.4350, 6.8270$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.7060, -8.1600, -6.3040$ is the 20% darker color. If you saturate the color by 10%, you get $223.8630, -19.2080, -15.3360$, and if you desaturate by 10%, it is $240.7230, 2.3380, 1.6820$.

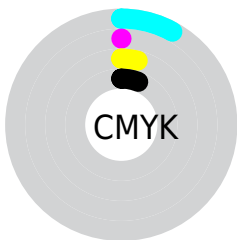
Distribution



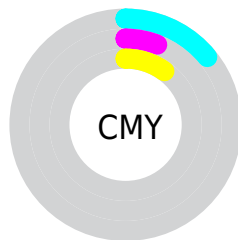
- Red (86%)
- Green (94%)
- Blue (90%)



- Red (86%)
- Yellow (91%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.2930, -8.4350, -6.8270 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 232.2930, -8.4350, -6.8270 by changing the saturation by 10% instead.

■ 232.2930, -8.4350,
-6.8270

■ 232.2930, -8.4350,
-6.8270

255.0000, -0.0000,
-0.0000

■ 204.2930, -8.4350,
-6.8270

■ 176.7060, -8.1600,
-6.3040

■ 150.0050, -7.5640,
-6.0920

■ 124.0050, -7.5640,
-6.0920

■ 99.0050, -7.5640,
-6.0920

■ 75.4180, -7.2890,
-5.5690

■ 52.7170, -6.6930,

-5.3570

■ 31.1300, -6.4180,
-4.8340

■ 9.9620, -6.0050,
-6.8130

■ 232.2930, -8.4350,
-6.8270

■ 232.2930, -8.4350,
-6.8270

■ 223.8630,
-19.2080, -15.3360

■ 240.7230, 2.3380,
1.6820

■ 215.3190,
-29.6600, -24.1560

■ 245.3800, 5.0420,
7.7460

■ 206.8890,
-40.4330, -32.6650

■ 245.6080, 4.4000,
8.3680

■ 198.4590,
-51.2060, -41.1740

■ 189.9150,
-61.6580, -49.9940

■ 181.7840,
-71.8350, -58.2910

■ 173.3540,
-82.6080, -66.8000

■ 164.8100,
-93.0600, -75.6200

■ 156.3800,
-103.8330, -84.1290

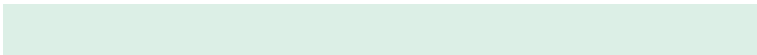
Harmonies

Analogous

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



233.3000, -1.1450, -6.7850



232.2930, -8.4350, -6.8270



232.0090, -13.3870, -5.1870

Triad

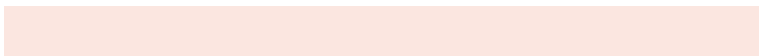
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.2930, -8.4350, -6.8270



234.9270, -6.9240, 4.3400



235.5950, 14.4420, 2.5860

Complementary

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



232.2930, -8.4350, -6.8270



226.7070, 8.4350, 6.8270

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.



236.1050, 13.0660, 5.4980



232.2930, -8.4350, -6.8270



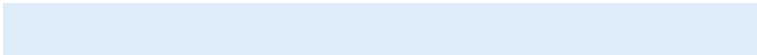
235.7000, 1.1450, 6.7850

Square

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



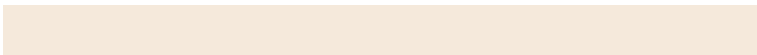
232.2930, -8.4350, -6.8270



233.2960, -12.5170, 1.0750



236.4080, 7.8390, 6.6150



234.9920, 11.6460, -1.8100

Rectangle

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



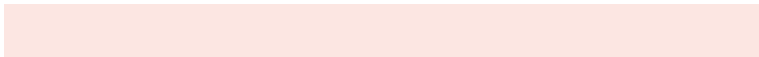
232.2930, -8.4350, -6.8270



232.5790, -14.9920, -3.6320



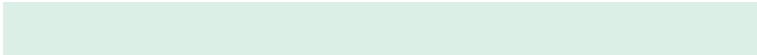
236.4080, 7.8390, 6.6150



236.1220, 14.3960, 3.4200

Sweetspot

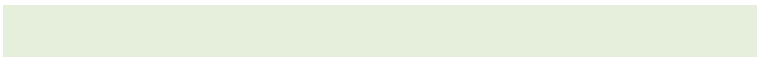
The Sweet Spot groups the original color and five complimentary colors.



232.2930, -8.4350, -6.8270



253.2770, -2.3380, -1.6820



233.8440, 0.1390, -8.0290



126.8750, -1.1460, -1.2580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

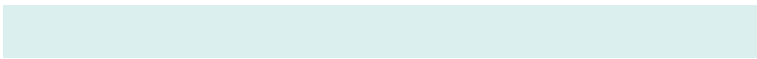
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2930, -8.4350, -6.8270



246.1570, -11.0480, -9.0320



233.3190, -11.3240, -4.0280



115.7280, -5.2260, -4.4100



119.0660, -81.7370, -66.0650



36.2920, -25.0300, -19.9580

Inverse Universe

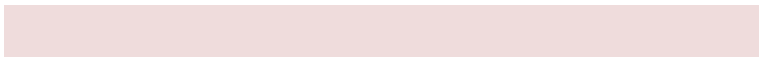
The Inverse Universe completely reimagines the original color for something new.



226.7070, 8.4350, 6.8270



238.8430, 11.0480, 9.0320



225.6810, 11.3240, 4.0280



112.2720, 5.2260, 4.4100



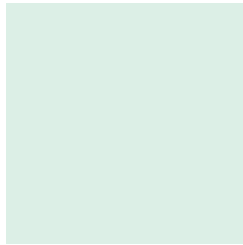
64.9340, 81.7370, 66.0650



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 232.2930, -8.4350, -6.8270 looks on a white background.

Color Contrast Check

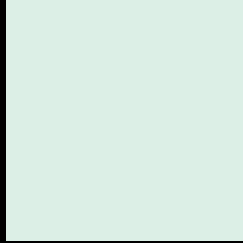
Large Text (above 18pt) WCAG AA × Fail

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 232.2930, -8.4350, -6.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

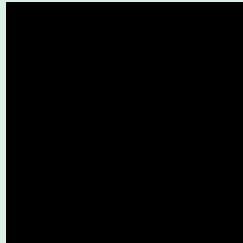
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

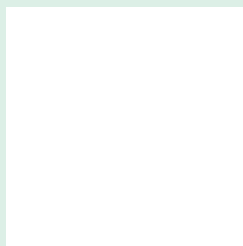
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.2930, -8.4350, -6.8270

Background



This preview shows how black text looks on a background with the YIQ color 232.2930, -8.4350, -6.8270.



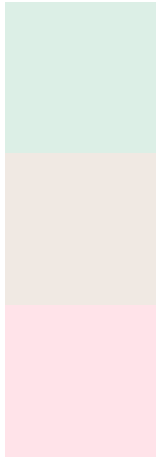
This preview shows how white text looks on a background with the YIQ color 232.2930, -8.4350, -6.8270.

-6.8270.

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

232.2930, -8.4350, -6.8270

Protanopia

234.4090, 6.0980, -0.3820

Deuteranopia

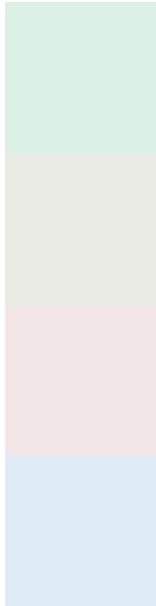
236.0560, 14.7620, 7.8020



Tritanopia

233.8770, -12.6550, 3.5770

Trichromacy



Original Color

232.2930, -8.4350, -6.8270

Protanomaly

233.6040, 1.0550, -2.6010

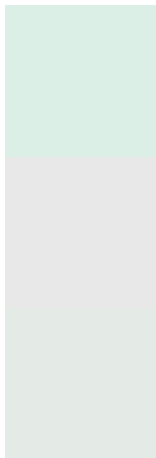
Deuteranomaly

234.4030, 6.2350, 2.6430

Tritanomaly

233.1390, -10.6370, 0.0430

Monochromacy



Original Color

232.2930, -8.4350, -6.8270

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.4510, -2.8880, -2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.2930, -8.4350, -6.8270 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(220, 239, 230)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 230)  
}
```

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(220, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 230) }
```

Border

The CSS property to change the border of an element to YIQ 232.2930, -8.4350, -6.8270 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(220, 239, 230) }
```


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

```
.border{ border-color:rgb(220, 239, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 232.2930, -8.4350, -6.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 230) }
```

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

```
.background{ background-color: rgb(220,  
239, 230) }
```

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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