

Converting Colors

YIQ(232.5970, -15.4030,
-12.7070)

Have a look what the booklet for
YIQ(232.5970, -15.4030, -12.7070)
contains.

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Color

**YIQ(232.5970, -15.4030,
-12.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F5E4
RGB	210, 245, 228
RGB Percent	82%, 96%, 89%
CMY	0.1766, 0.0391, 0.1059
CMYK	0.14, 0.00, 0.07, 0.04
HSL	151°, 64%, 89%
HSV	151°, 14%, 96%
XYZ	73.2303, 84.6126, 85.8621
YIQ	232.5970, -15.4030, -12.7070

Conversions

Conversions Part 2

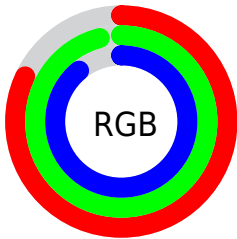
Format	Color
R_{YB}	210, 233, 245
Decimal	13825508
CIE _{Lab}	93.72, -14.54, 4.39
CIE _{LCh}	94, 15.187, 163.198
Yxy	84.6126, 0.3005, 0.3472
Android (android.graphics.Color)	4292015588 (0xFFD2F5E4)
YUV	232.5970, -2.2663, -19.8176
Hunter-Lab	91.9851, -18.8683, 9.0462

Details

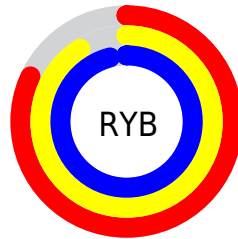
The YIQ color $232.5970, -15.4030, -12.7070$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.4030, 15.4030, 12.7070$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.0100, -15.1280, -12.1840$ is the 20% darker color. If you saturate the color by 10%, you get $223.7540, -26.4510, -21.7390$, and if you desaturate by 10%, it is $241.1410, -4.9510, -3.8870$.

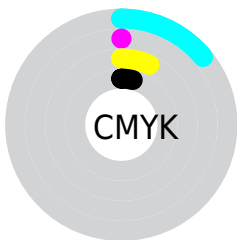
Distribution



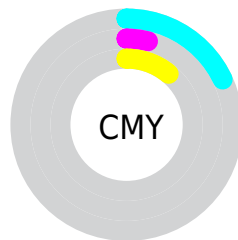
- Red (82%)
- Green (96%)
- Blue (89%)



- Red (82%)
- Yellow (91%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.5970, -15.4030, -12.7070 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 232.5970, -15.4030, -12.7070 by changing the saturation by 10% instead.

■ 232.5970,
-15.4030, -12.7070

■ 232.5970,
-15.4030, -12.7070

255.0000, -0.0000,
-0.0000

■ 204.5970,
-15.4030, -12.7070

■ 177.0100,
-15.1280, -12.1840

■ 150.3090,
-14.5320, -11.9720

■ 124.0210,
-13.6610, -11.2370

■ 99.1350, -13.9820,
-10.9260

■ 75.4340, -13.3860,
-10.7140

■ 51.9610, -13.4320,

-9.8800

■ 30.0750, -13.7530,
-9.5690

■ 12.5550, -6.4170,
-10.3610

■ 232.5970,
-15.4030, -12.7070

■ 232.5970,
-15.4030, -12.7070

■ 223.7540,
-26.4510, -21.7390

■ 241.1410, -4.9510,
-3.8870

■ 215.2100,
-36.9030, -30.5590

■ 248.7880, 3.7130,
4.2970

■ 206.3670,
-47.9510, -39.5910

■ 249.1300, 2.7500,
5.2300

■ 197.8230,
-58.4030, -48.4110

■ 188.9800,
-69.4510, -57.4430

■ 180.5500,
-80.2240, -65.9520

■ 171.7070,
-91.2720, -74.9840

■ 163.1630,
-101.7240, -83.8040

■ 158.1790,
-107.8210, -88.9490

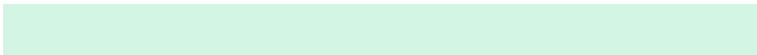
Harmonies

Analogous

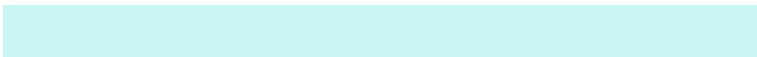
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8390, -1.4650, -12.0010



232.5970, -15.4030, -12.7070



232.2030, -25.8570, -10.4730

Triad

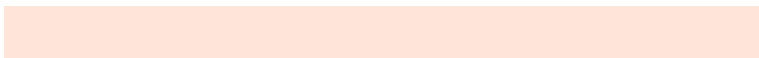
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.5970, -15.4030, -12.7070



236.3720, -9.6750, 4.6370



235.4060, 19.3480, 1.7800

Complementary

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



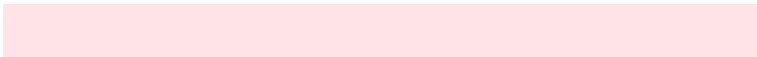
232.5970, -15.4030, -12.7070



222.4030, 15.4030, 12.7070

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.



235.8280, 15.4040, 7.1800



232.5970, -15.4030, -12.7070



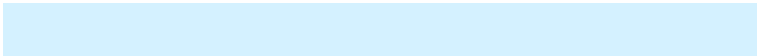
238.8190, 2.4280, 11.0680

Square

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



232.5970, -15.4030, -12.7070



233.9250, -21.7780, -1.7940



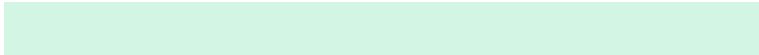
238.1250, 10.3140, 11.3220



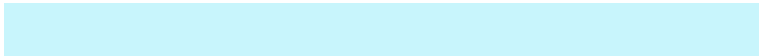
236.8420, 20.8160, -2.8000

Rectangle

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



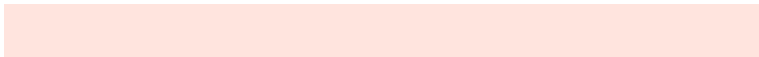
232.5970, -15.4030, -12.7070



232.3430, -29.0670, -7.3630



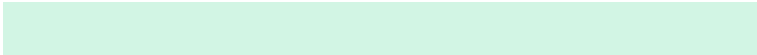
238.1250, 10.3140, 11.3220



235.3890, 18.0180, 3.8580

Sweetspot

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



232.5970, -15.4030, -12.7070



251.4400, -4.3550, -3.6750



235.6280, 0.5070, -14.7010



125.4510, -2.8880, -2.7280



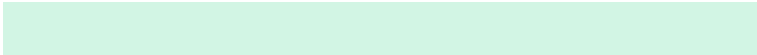
0.0000, 0.0000, 0.0000



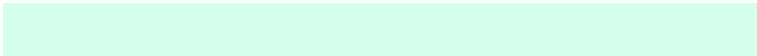
128.0000, -0.0000, -0.0000

Same Dimension

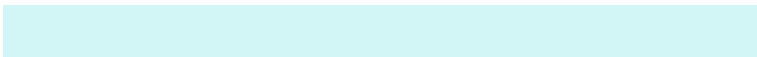
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5970, -15.4030, -12.7070



239.7490, -18.8870, -15.6470



234.5350, -20.8600, -7.4200



117.7280, -5.2260, -4.4100



120.1260, -81.9660, -67.4220



38.0530, -25.8550, -21.5270

Inverse Universe

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



222.4030, 15.4030, 12.7070



227.2510, 18.8870, 15.6470



220.4650, 20.8600, 7.4200



114.2720, 5.2260, 4.4100



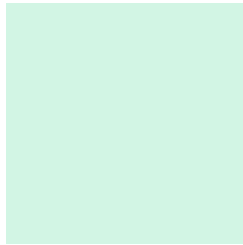
65.8740, 81.9660, 67.4220



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 232.5970, -15.4030, -12.7070 looks on a white background.

Color Contrast Check

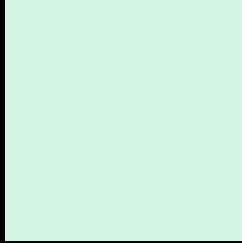
Large Text (above 18pt) WCAG AA × Fail

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 232.5970, -15.4030, -12.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

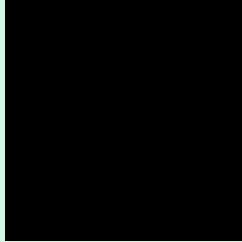
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

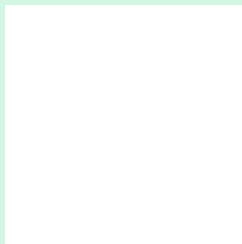
Any Text WCAG AAA ✓ Pass

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

YIQ 232.5970, -15.4030, -12.7070 Background



This preview shows how black text looks on a background with the YIQ color 232.5970, -15.4030, -12.7070.



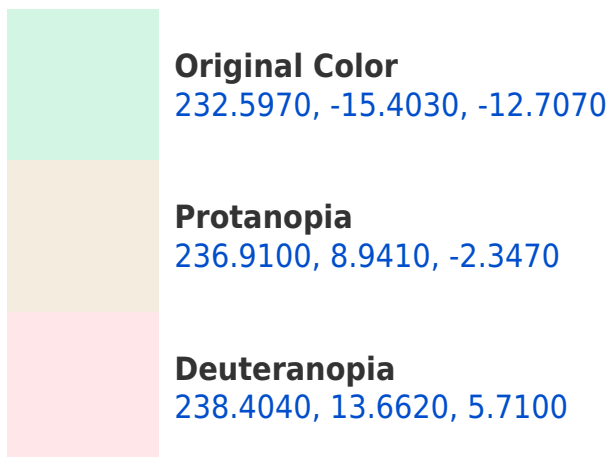
This preview shows how white text looks on a background with the YIQ color 232.5970, -15.4030, -12.7070.

-12.7070.

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

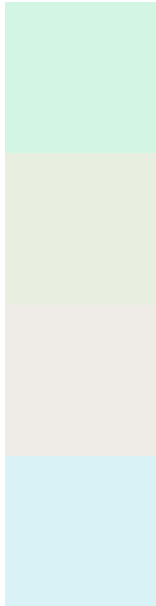




Tritanopia

235.7300, -16.7350, 0.4250

Trichromacy



Original Color

232.5970, -15.4030, -12.7070

Protanomaly

235.3110, 0.3220, -5.8380

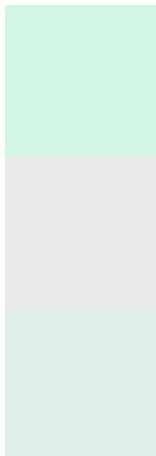
Deuteranomaly

236.3270, 3.3930, -0.9190

Tritanomaly

234.5680, -16.4590, -4.5790

Monochromacy



Original Color

232.5970, -15.4030, -12.7070

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.7280, -5.2260, -4.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.5970, -15.4030, -12.7070 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(210, 245, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 245, 228)  
}
```

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(210, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 245, 228) }
```

Border

The CSS property to change the border of an element to YIQ 232.5970, -15.4030, -12.7070 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(210, 245, 228) }
```


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

```
.border{ border-color:rgb(210, 245, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 245, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 245,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 232.5970, -15.4030, -12.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 245, 228) }
```

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

```
.background{ background-color: rgb(210,  
245, 228) }
```

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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