

Converting Colors

YIQ(236.2130, -14.6220,
-21.3580)

Have a look what the booklet for
YIQ(236.2130, -14.6220, -21.3580)
contains.

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Color

**YIQ(236.2130, -14.6220,
-21.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FED8
RGB	209, 254, 216
RGB Percent	82%, 100%, 85%
CMY	0.1805, 0.0038, 0.1530
CMYK	0.18, 0.00, 0.15, 0.00
HSL	129°, 96%, 91%
HSV	129°, 18%, 100%
XYZ	74.1266, 89.4035, 78.3105
YIQ	236.2130, -14.6220, -21.3580

Conversions

Conversions Part 2

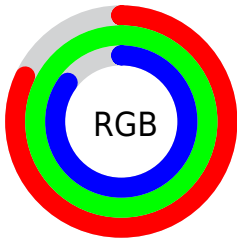
Format	Color
R _Y B	209, 248, 254
Decimal	13762264
CIE Lab	95.75, -21.44, 13.48
CIE LCh	96, 25.324, 147.841
Yxy	89.4035, 0.3065, 0.3697
Android (android.graphics.Color)	4291952344 (0xFFD1FED8)
YUV	236.2130, -9.9650, -23.8658
Hunter-Lab	94.5534, -25.5307, 17.0826

Details

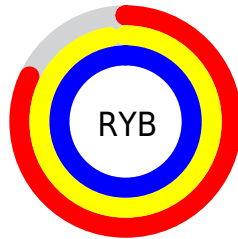
The YIQ color **236.2130, -14.6220, -21.3580** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **226.7870, 14.6220, 21.3580**, and the grayscale version is **236.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **180.0390, -14.0720, -20.3120** is the 20% darker color. If you saturate the color by 10%, you get **226.3440, -22.7810, -33.1890**, and if you desaturate by 10%, it is **246.0820, -6.4630, -9.5270**.

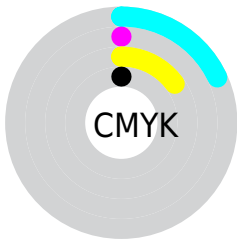
Distribution



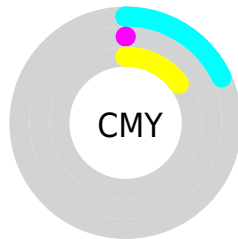
- Red (82%)
- Green (100%)
- Blue (85%)



- Red (82%)
- Yellow (97%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.2130, -14.6220, -21.3580 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 236.2130, -14.6220, -21.3580 by changing the saturation by 10% instead.

■ 236.2130,
-14.6220, -21.3580

■ 236.2130,
-14.6220, -21.3580

255.0000, -0.0000,
-0.0000

■ 207.6260,
-14.3470, -20.8350

■ 180.0390,
-14.0720, -20.3120

■ 153.4520,
-13.7970, -19.7890

■ 126.9790,
-13.8430, -18.9550

■ 101.3920,
-13.5680, -18.4320

■ 77.5060, -13.8890,
-18.1210

■ 54.0330, -13.9350,

-17.2870

■ 30.6630, -15.7690,
-17.0890

■ 15.8490, -7.4250,
-14.1210

■ 236.2130,
-14.6220, -21.3580

■ 236.2130,
-14.6220, -21.3580

■ 226.3440,
-22.7810, -33.1890

■ 246.0820, -6.4630,
-9.5270

■ 216.0620,
-31.2150, -45.5430

254.4130, 0.2750,
0.5230

■ 206.1930,
-39.3740, -57.3740

■ 195.9110,
-47.8080, -69.7280

■ 186.0420,
-55.9670, -81.5590

■ 176.0590,
-63.8050, -93.7010

■ 165.8910,
-72.5600, -105.7440

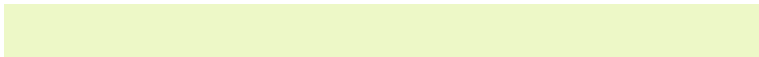
■ 155.9080,
-80.3980, -117.8860

■ 153.6580,
-82.6900, -120.4020

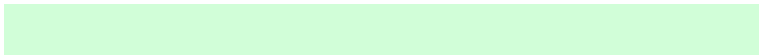
Harmonies

Analogous

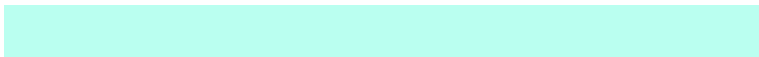
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.1250, 9.1730, -17.5710



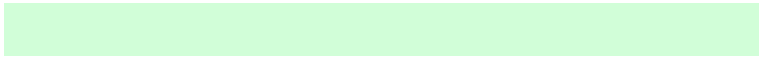
236.2130, -14.6220, -21.3580



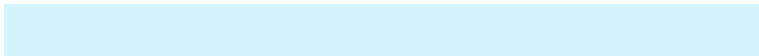
232.6590, -36.3090, -19.2930

Triad

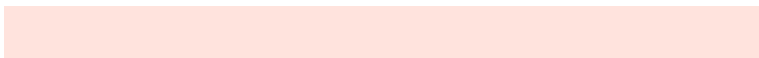
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.2130, -14.6220, -21.3580



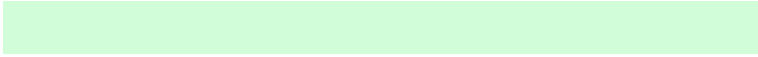
236.2730, -22.8780, -3.8860



234.6880, 18.6140, 4.0700

Complementary

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



236.2130, -14.6220, -21.3580



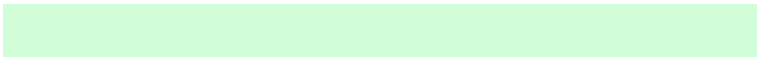
226.7870, 14.6220, 21.3580

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.



236.8370, 11.1850, 12.0570



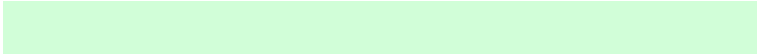
236.2130, -14.6220, -21.3580



241.4440, -1.0100, 7.2940

Square

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



236.2130, -14.6220, -21.3580



232.6080, -40.2990, -13.0590



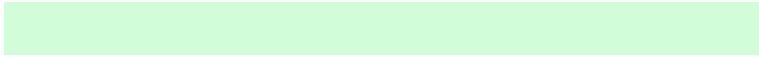
240.3250, 6.8750, 13.0750



236.0440, 23.0630, -4.9770

Rectangle

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



236.2130, -14.6220, -21.3580



231.6780, -46.4880, -16.5360



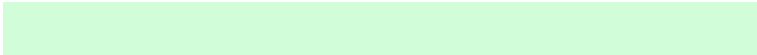
240.3250, 6.8750, 13.0750



235.0130, 16.3210, 7.0810

Sweetspot

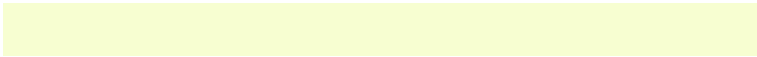
The Sweet Spot groups the original color and five complimentary colors.



236.2130, -14.6220, -21.3580



249.8590, -4.2170, -6.1770



246.7770, 10.2730, -15.4790



124.8100, -2.5210, -3.8730



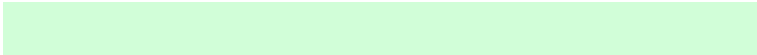
0.0000, 0.0000, 0.0000



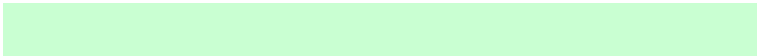
128.0000, -0.0000, -0.0000

Same Dimension

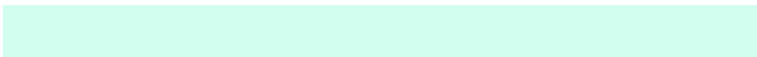
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2130, -14.6220, -21.3580



233.7240, -17.7390, -25.4430



238.7210, -21.6840, -14.5160



122.8590, -4.2170, -6.1770



115.5370, -62.1550, -90.5630



38.7080, -20.8100, -30.3620

Inverse Universe

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



226.7870, 14.6220, 21.3580



222.3900, 17.4180, 25.7540



224.2790, 21.6840, 14.5160



120.1410, 4.2170, 6.1770



75.4630, 62.1550, 90.5630



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 236.2130, -14.6220, -21.3580 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 236.2130, -14.6220, -21.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

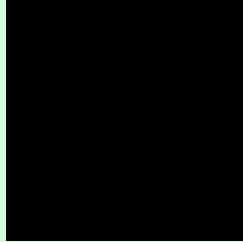
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

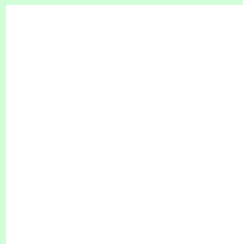
Any Text WCAG AAA ✓ Pass

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

YIQ 236.2130, -14.6220, -21.3580 Background



This preview shows how black text looks on a background with the YIQ color 236.2130, -14.6220, -21.3580.



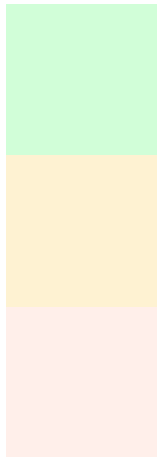
This preview shows how white text looks on a background with the YIQ color 236.2130, -14.6220, -21.3580.

-21.3580.

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

236.2130, -14.6220, -21.3580

Protanopia

241.9400, 17.4240, -7.4080

Deuteranopia

243.2140, 11.1410, 1.8370



Tritanopia

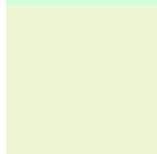
241.6550, -12.1500, -0.0700

Trichromacy



Original Color

236.2130, -14.6220, -21.3580



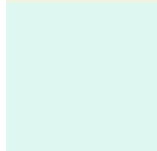
Protanomaly

239.7320, 6.1460, -12.2700



Deuteranomaly

240.2680, 1.8810, -6.5590



Tritanomaly

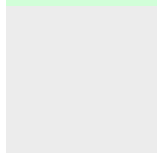
239.4280, -13.2490, -7.6890

Monochromacy



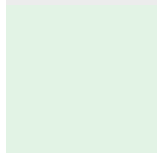
Original Color

236.2130, -14.6220, -21.3580



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.3210, -5.6380, -7.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.2130, -14.6220, -21.3580 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(209, 254, 216)` looks like.

```
.text, #text, p{  
    color:rgb(209, 254, 216)  
}
```

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(209, 254, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 254, 216) }
```

Border

The CSS property to change the border of an element to YIQ 236.2130, -14.6220, -21.3580 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(209, 254, 216) }
```


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

```
.border{ border-color:rgb(209, 254, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 254, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 254, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 254, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 254,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 236.2130, -14.6220, -21.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 254, 216) }
```

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

```
.background{ background-color: rgb(209,  
254, 216) }
```

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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