

Converting Colors

YIQ(237.6130, -21.5000,
-17.8520)

Have a look what the booklet for
YIQ(237.6130, -21.5000, -17.8520)
contains.

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Color

**YIQ(237.6130, -21.5000,
-17.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFFE7
RGB	206, 255, 231
RGB Percent	81%, 100%, 91%
CMY	0.1923, 0.0000, 0.0942
CMYK	0.19, 0.00, 0.09, 0.00
HSL	151°, 100%, 90%
HSV	151°, 19%, 100%
XYZ	75.6257, 90.4056, 89.0528
YIQ	237.6130, -21.5000, -17.8520

Conversions

Conversions Part 2

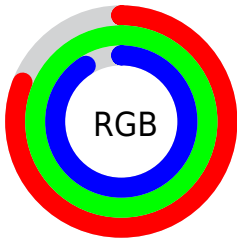
Format	Color
R_{YB}	206, 238, 255
Decimal	13565927
CIE Lab	96.16, -20.15, 6.35
CIE LCh	96, 21.127, 162.505
Yxy	90.4056, 0.2965, 0.3544
Android (android.graphics.Color)	4291756007 (0xFFCEFFE7)
YUV	237.6130, -3.2602, -27.7246
Hunter-Lab	95.0818, -24.4189, 11.0268

Details

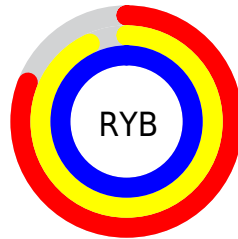
The YIQ color **237.6130, -21.5000, -17.8520** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **223.3870, 21.5000, 17.8520**, and the grayscale version is **238.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **181.3250, -20.6290, -17.1170** is the 20% darker color. If you saturate the color by 10%, you get **228.3570, -32.8230, -27.4070**, and if you desaturate by 10%, it is **246.4560, -10.4520, -8.8200**.

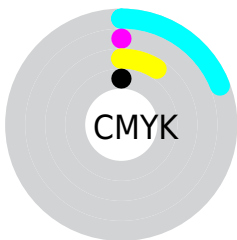
Distribution



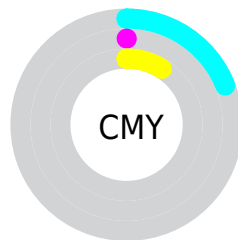
- Red (81%)
- Green (100%)
- Blue (91%)



- Red (81%)
- Yellow (93%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.6130, -21.5000, -17.8520 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 237.6130, -21.5000, -17.8520 by changing the saturation by 10% instead.

237.6130,
-21.5000, -17.8520

237.6130,
-21.5000, -17.8520

255.0000, -0.0000,
-0.0000

209.0260,
-21.2250, -17.3290

181.3250,
-20.6290, -17.1170

154.7380,
-20.3540, -16.5940

128.1510,
-20.0790, -16.0710

102.5640,
-19.8040, -15.5480

78.5640, -19.8040,
-15.5480

54.7920, -20.4460,

-14.9260

■ 31.4220, -22.2800,
-14.7280

■ 17.1200, -9.6260,
-12.7780

■ 237.6130,
-21.5000, -17.8520

■ 237.6130,
-21.5000, -17.8520

■ 228.3570,
-32.8230, -27.4070

■ 246.4560,
-10.4520, -8.8200

■ 219.5140,
-43.8710, -36.4390

255.0000, -0.0000,
-0.0000

■ 210.3720,
-55.5150, -45.6830

■ 201.4150,
-66.2420, -55.0260

■ 192.2730,
-77.8860, -64.2700

■ 183.3160,
-88.6130, -73.6130

■ 174.1740,
-100.2570, -82.8570

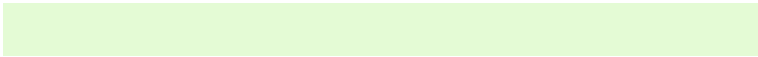
■ 165.2170,
-110.9840, -92.2000

■ 164.5050,
-111.8550, -92.9350

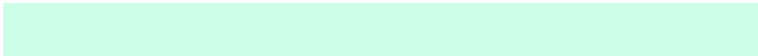
Harmonies

Analogous

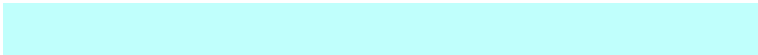
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7910, -1.5100, -16.6940



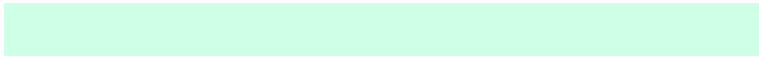
237.6130, -21.5000, -17.8520



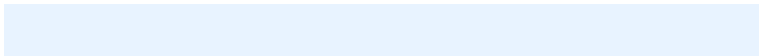
235.8210, -36.5850, -14.2890

Triad

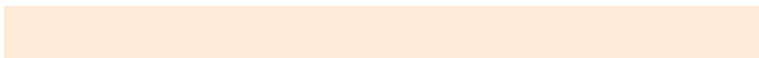
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.6130, -21.5000, -17.8520



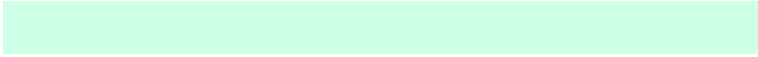
241.0790, -10.4080, 1.4000



237.7540, 18.2480, -0.3120

Complementary

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



237.6130, -21.5000, -17.8520



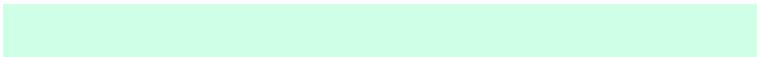
223.3870, 21.5000, 17.8520

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.



238.1590, 12.9740, 7.1660



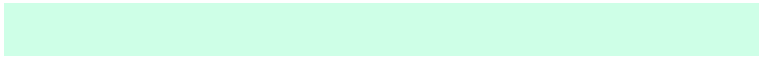
237.6130, -21.5000, -17.8520



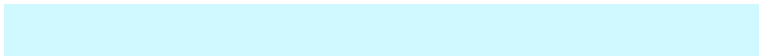
243.8470, 5.2250, 9.9370

Square

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



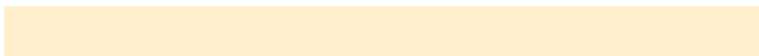
237.6130, -21.5000, -17.8520



237.1260, -26.9580, -7.0380



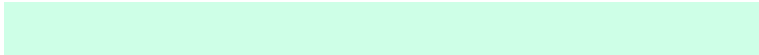
240.9120, 6.6000, 12.5520



239.9080, 20.4500, -7.1820

Rectangle

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



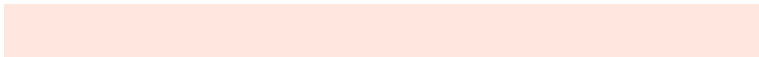
237.6130, -21.5000, -17.8520



235.5650, -38.7400, -13.7800



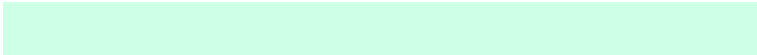
240.9120, 6.6000, 12.5520



237.2640, 16.8720, 2.6000

Sweetspot

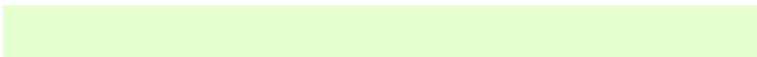
The Sweet Spot groups the original color and five complimentary colors.



237.6130, -21.5000, -17.8520



249.7170, -6.6930, -5.3570



241.9390, 0.8290, -20.5390



124.7390, -3.7590, -3.4630



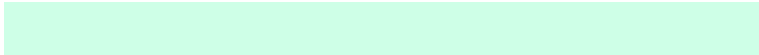
0.0000, 0.0000, 0.0000



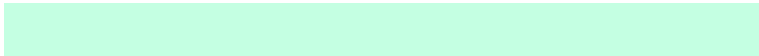
128.0000, -0.0000, -0.0000

Same Dimension

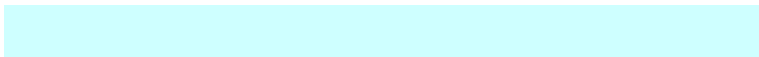
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.6130, -21.5000, -17.8520



234.0530, -25.8550, -21.5270



240.3490, -29.2040, -10.3880



123.3150, -5.5010, -4.9330



123.2890, -83.9830, -69.4150



41.3300, -28.1930, -23.2090

Inverse Universe

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



223.3870, 21.5000, 17.8520



216.9470, 25.8550, 21.5270



220.6510, 29.2040, 10.3880



119.5710, 5.8220, 4.6220



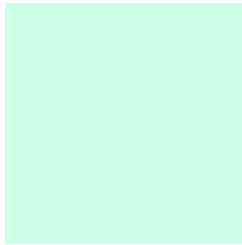
67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 237.6130, -21.5000, -17.8520 looks on a white background.

Color Contrast Check

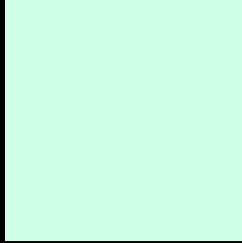
Large Text (above 18pt) WCAG AA × Fail

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 237.6130, -21.5000, -17.8520 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

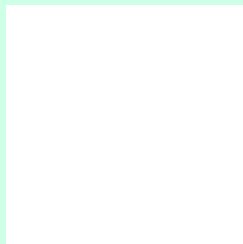
Any Text WCAG AAA ✓ Pass

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

YIQ 237.6130, -21.5000, -17.8520 Background



This preview shows how black text looks on a background with the YIQ color 237.6130, -21.5000, -17.8520.



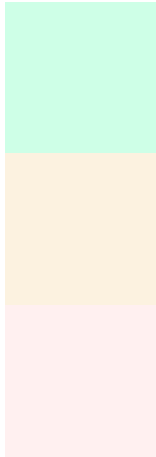
This preview shows how white text looks on a background with the YIQ color 237.6130, -21.5000, -17.8520.

-17.8520.

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

237.6130, -21.5000, -17.8520

Protanopia

242.9380, 11.7380, -3.4780

Deuteranopia

244.4850, 8.9400, 3.1800



Tritanopia

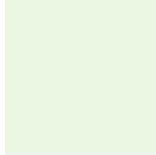
242.5410, -11.8290, -0.3810

Trichromacy



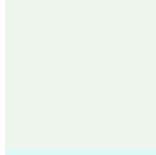
Original Color

237.6130, -21.5000, -17.8520



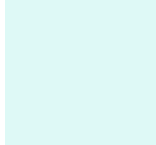
Protanomaly

241.1320, -0.7320, -8.7640



Deuteranomaly

241.6960, -2.2000, -4.1840



Tritanomaly

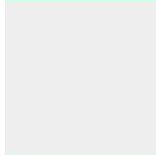
240.5850, -15.1290, -6.6570

Monochromacy



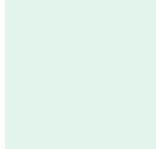
Original Color

237.6130, -21.5000, -17.8520



Achromatopsia

238.0000, -0.0000, 0.0000



Achromatomaly

237.5920, -7.8390, -6.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.6130, -21.5000, -17.8520 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(206, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 231)  
}
```

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(206, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 231) }
```

Border

The CSS property to change the border of an element to YIQ 237.6130, -21.5000, -17.8520 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(206, 255, 231) }
```


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

```
.border{ border-color:rgb(206, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 237.6130, -21.5000, -17.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 231) }
```

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

```
.background{ background-color: rgb(206,  
255, 231) }
```

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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