

Converting Colors

YIQ(227.5430, -15.3110,
-14.3750)

Have a look what the booklet for
YIQ(227.5430, -15.3110, -14.3750)
contains.

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Color

**YIQ(227.5430, -15.3110,
-14.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF1DC
RGB	204, 241, 220
RGB Percent	80%, 95%, 86%
CMY	0.2001, 0.0548, 0.1373
CMYK	0.15, 0.00, 0.09, 0.05
HSL	146°, 57%, 87%
HSV	146°, 15%, 95%
XYZ	69.2714, 80.9202, 79.6704
YIQ	227.5430, -15.3110, -14.3750

Conversions

Conversions Part 2

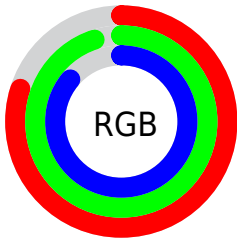
Format	Color
R_{YB}	204, 230, 241
Decimal	13431260
CIE _{Lab}	92.10, -15.97, 6.15
CIE _{LCh}	92, 17.114, 158.938
Yxy	80.9202, 0.3014, 0.3520
Android (android.graphics.Color)	4291621340 (0xFFCCCF1DC)
YUV	227.5430, -3.7187, -20.6472
Hunter-Lab	89.9557, -19.9664, 10.4580

Details

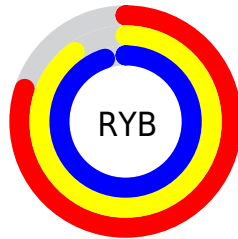
The YIQ color **227.5430, -15.3110, -14.3750** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **217.4570, 15.3110, 14.3750**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **171.9560, -15.0360, -13.8520** is the 20% darker color. If you saturate the color by 10%, you get **218.7710, -25.1210, -23.8170**, and if you desaturate by 10%, it is **236.3150, -5.5010, -4.9330**.

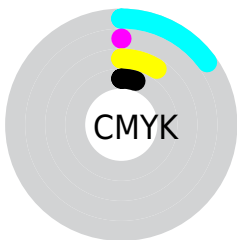
Distribution



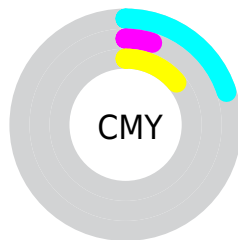
- Red (80%)
- Green (95%)
- Blue (86%)



- Red (80%)
- Yellow (90%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.5430, -15.3110, -14.3750 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 227.5430, -15.3110, -14.3750 by changing the saturation by 10% instead.

■ 227.5430,
-15.3110, -14.3750

■ 227.5430,
-15.3110, -14.3750

255.0000, -0.0000,
-0.0000

■ 199.5430,
-15.3110, -14.3750

■ 171.9560,
-15.0360, -13.8520

■ 145.3690,
-14.7610, -13.3290

■ 119.6680,
-14.1650, -13.1170

■ 94.4940, -13.6150,
-12.0710

■ 70.4940, -13.6150,
-12.0710

■ 47.9070, -13.3400,

-11.5480

■ 25.8360, -14.5780,
-11.1380

■ 8.2180, -3.8500,
-7.3220

■ 227.5430,
-15.3110, -14.3750

■ 227.5430,
-15.3110, -14.3750

■ 218.7710,
-25.1210, -23.8170

■ 236.3150, -5.5010,
-4.9330

■ 210.1130,
-35.2520, -32.9480

■ 244.9730, 4.6300,
4.1980

■ 201.3410,
-45.0620, -42.3900

■ 246.7820, 3.8500,
7.3220

■ 192.5690,
-54.8720, -51.8320

■ 183.6120,
-65.5990, -61.1750

■ 174.8400,
-75.4090, -70.6170

■ 166.0680,
-85.2190, -80.0590

■ 157.4100,
-95.3500, -89.1900

■ 153.3230,
-99.6590, -93.6990

Harmonies

Analogous

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



229.5680, 0.7360, -13.3440



227.5430, -15.3110, -14.3750



226.4800, -28.1950, -12.1550

Triad

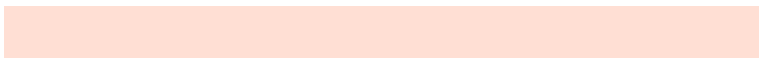
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.5430, -15.3110, -14.3750



231.3330, -13.9390, 4.8210



231.3140, 22.6030, 3.3630

Complementary

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



227.5430, -15.3110, -14.3750



217.4570, 15.3110, 14.3750

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.



231.9640, 18.0170, 9.3850



227.5430, -15.3110, -14.3750



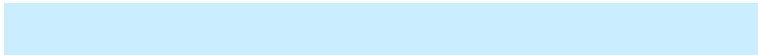
234.6770, -0.0480, 11.8880

Square

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



227.5430, -15.3110, -14.3750



228.5870, -26.6380, -1.8220



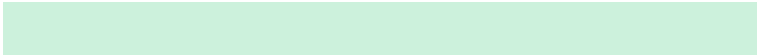
234.4890, 12.2850, 14.1490



232.5220, 24.7130, -1.8390

Rectangle

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



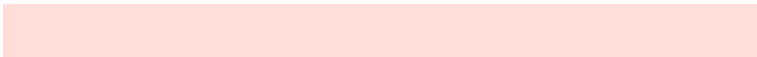
227.5430, -15.3110, -14.3750



227.1360, -32.9180, -9.1580



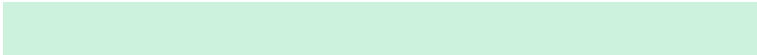
234.4890, 12.2850, 14.1490



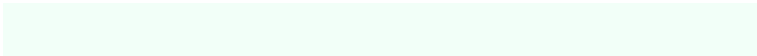
231.2970, 21.2730, 5.4410

Sweetspot

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



227.5430, -15.3110, -14.3750



250.3150, -5.5010, -4.9330



232.2970, 2.9370, -14.6870



125.0380, -3.1630, -3.2510



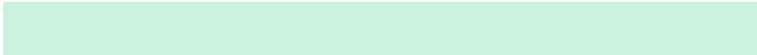
0.0000, 0.0000, 0.0000



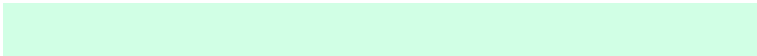
128.0000, -0.0000, -0.0000

Same Dimension

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



227.5430, -15.3110, -14.3750



238.2820, -19.0700, -17.8380



229.5950, -21.0890, -8.7770



115.6140, -4.9050, -4.7210



117.0140, -75.9590, -71.6630



35.6080, -23.1040, -21.8240

Inverse Universe

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



217.4570, 15.3110, 14.3750



225.7180, 19.0700, 17.8380



215.4050, 21.0890, 8.7770



112.3860, 4.9050, 4.7210



66.8720, 76.2800, 71.3520



20.3920, 23.1040, 21.8240

Previews

White Background



This preview shows how the YIQ color 227.5430, -15.3110, -14.3750 looks on a white background.

Color Contrast Check

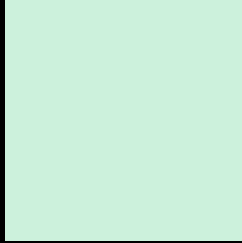
Large Text (above 18pt) WCAG AA × Fail

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 227.5430, -15.3110, -14.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

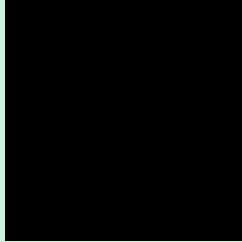
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

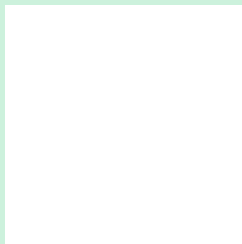
Any Text WCAG AAA ✓ Pass

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

YIQ 227.5430, -15.3110, -14.3750 Background



This preview shows how black text looks on a background with the YIQ color 227.5430, -15.3110, -14.3750.



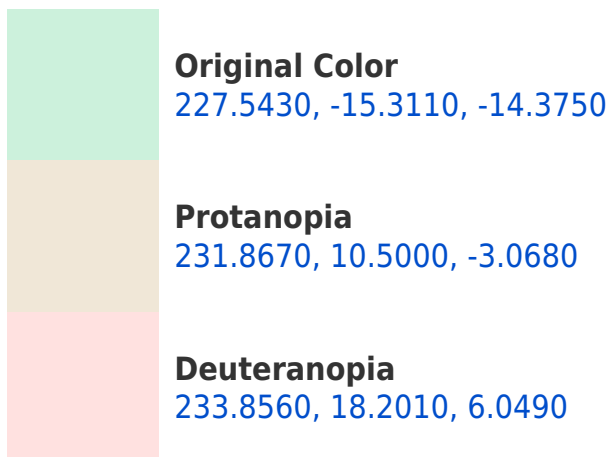
This preview shows how white text looks on a background with the YIQ color 227.5430, -15.3110, -14.3750.

-14.3750.

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

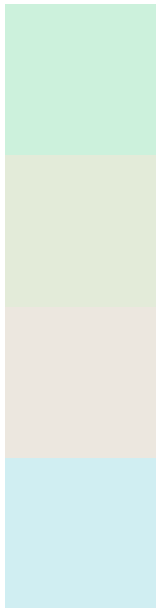




Tritanopia

230.3920, -21.5950, 0.3970

Trichromacy



Original Color

227.5430, -15.3110, -14.3750

Protanomaly

230.5560, 1.0100, -7.2940

Deuteranomaly

231.5830, 5.5480, -1.4280

Tritanomaly

229.4860, -19.1640, -5.1160

Monochromacy



Original Color

227.5430, -15.3110, -14.3750

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9020, -5.7760, -5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.5430, -15.3110, -14.3750 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(204, 241, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 241, 220)  
}
```

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(204, 241, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 241, 220) }
```

Border

The CSS property to change the border of an element to YIQ 227.5430, -15.3110, -14.3750 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(204, 241, 220) }
```


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

```
.border{ border-color:rgb(204, 241, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 241, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 241, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 241, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 241,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 227.5430, -15.3110, -14.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 241, 220) }
```

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

```
.background{ background-color: rgb(204,  
241, 220) }
```

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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