

Converting Colors

YIQ(223.1130, -18.0570,
-41.7130)

Have a look what the booklet for
YIQ(223.1130, -18.0570, -41.7130)
contains.

YIQ(223.1130, -18.0570, -41.7130)	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(223.1130, -18.0570,
-41.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFAC
RGB	180, 255, 172
RGB Percent	71%, 100%, 67%
CMY	0.2943, 0.0000, 0.3255
CMYK	0.29, 0.00, 0.33, 0.00
HSL	114°, 100%, 84%
HSV	114°, 33%, 100%
XYZ	62.0149, 84.1947, 52.0115
YIQ	223.1130, -18.0570, -41.7130

Conversions

Conversions Part 2

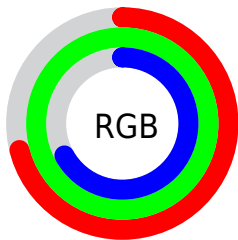
Format	Color
RYB	172, 255, 247
Decimal	11861932
CIELab	93.54, -38.47, 32.51
CIElCh	94, 50.366, 139.796
Yxy	84.1947, 0.3129, 0.4248
Android (android.graphics.Color)	4290052012 (0xFFB4FFAC)
YUV	223.1130, -25.1987, -37.8101
Hunter-Lab	91.7577, -39.9357, 30.6227

Details

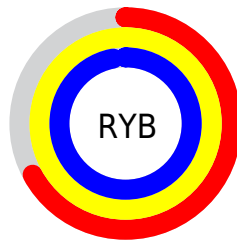
The YIQ color **223.1130, -18.0570, -41.7130** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **203.8870, 18.0570, 41.7130**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.5400, -2.0610, -12.2130**, and **167.1670, -18.1490, -40.0450** is the 20% darker color. If you saturate the color by 10%, you get **213.3860, -23.7400, -54.3640**, and if you desaturate by 10%, it is **232.9540, -12.6950, -28.7510**.

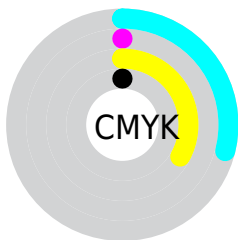
Distribution



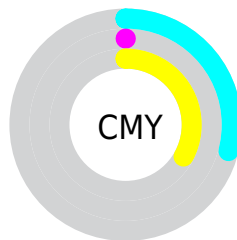
- Red (71%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.1130, -18.0570, -41.7130 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 223.1130, -18.0570, -41.7130 by changing the saturation by 10% instead.

■ 223.1130,
-18.0570, -41.7130

■ 223.1130,
-18.0570, -41.7130

255.0000, -0.0000,
-0.0000

■ 194.6400,
-18.1030, -40.8790

■ 246.5400, -2.0610,
-12.2130

■ 167.1670,
-18.1490, -40.0450

■ 139.8080,
-18.5160, -38.9000

■ 113.0360,
-19.1580, -38.2780

■ 86.6660, -20.9920,
-38.0800

■ 58.7900, -27.2730,
-39.8890

■ 39.9160, -18.7000,

-35.5640

■ 26.4150, -12.3750,
-23.5350

■ 12.3270, -5.7750,
-10.9830

■ 223.1130,
-18.0570, -41.7130

■ 223.1130,
-18.0570, -41.7130

■ 213.3860,
-23.7400, -54.3640

■ 232.9540,
-12.6950, -28.7510

■ 203.5450,
-29.1020, -67.3260

■ 242.6810, -7.0120,
-16.1000

■ 193.8180,
-34.7850, -79.9770

■ 252.5220, -1.6500,
-3.1380

■ 183.9770,
-40.1470, -92.9390

■ 255.0000, -0.0000,
-0.0000

■ 174.2500,
-45.8300, -105.5900

■ 164.4090,
-51.1920, -118.5520

■ 156.8610,
-55.8210, -128.2770

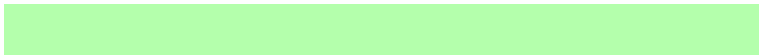
Harmonies

Analogous

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



230.0940, 27.6530, -33.1070



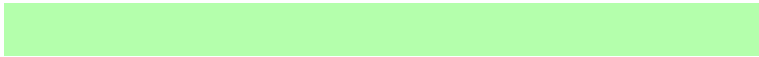
223.1130, -18.0570, -41.7130



208.6230, -72.1590, -41.3990

Triad

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



223.1130, -18.0570, -41.7130



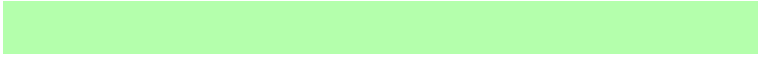
213.2390, -70.2370, -21.1570



217.1290, 30.8540, 13.5260

Complementary

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



223.1130, -18.0570, -41.7130



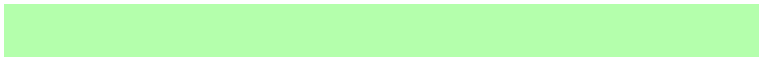
203.8870, 18.0570, 41.7130

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.



222.7150, 15.1250, 28.7650



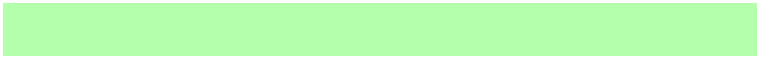
223.1130, -18.0570, -41.7130



228.9630, -15.7730, 5.0190

Square

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



223.1130, -18.0570, -41.7130



180.8480, -147.8080, -52.5760



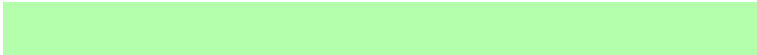
229.7590, 11.8250, 22.4890



218.7980, 41.3110, -5.2890

Rectangle

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



223.1130, -18.0570, -41.7130



195.6410, -116.1280, -43.0080



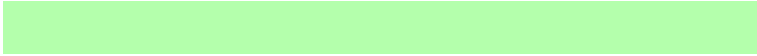
229.7590, 11.8250, 22.4890



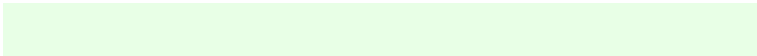
217.7790, 26.2680, 19.5480

Sweetspot

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



223.1130, -18.0570, -41.7130



245.2730, -5.6830, -12.6510



240.8420, 28.8430, -21.6290



121.9900, -3.2080, -7.9440



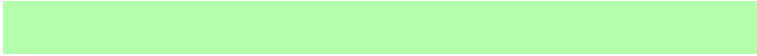
0.0000, 0.0000, 0.0000



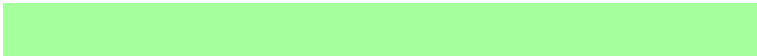
128.0000, -0.0000, -0.0000

Same Dimension

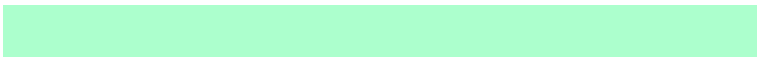
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.1130, -18.0570, -41.7130



216.8040, -21.8610, -49.8690



224.4830, -33.4180, -33.1460



122.9300, -2.9790, -6.5870



117.4990, -41.7970, -96.0770



39.3620, -14.0240, -32.2000

Inverse Universe

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



203.8870, 18.0570, 41.7130



193.8970, 21.2650, 49.6570



202.5170, 33.4180, 33.1460



119.7710, 2.3830, 6.3750



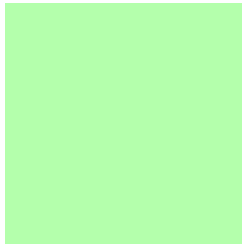
73.5010, 41.7970, 96.0770



24.6380, 14.0240, 32.2000

Previews

White Background



This preview shows how the YIQ color 223.1130, -18.0570, -41.7130 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 223.1130, -18.0570, -41.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

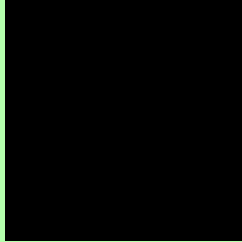
Any Text WCAG AA ✓ Pass

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 223.1130, -18.0570, -41.7130 Background



This preview shows how black text looks on a background with the YIQ color 223.1130, -18.0570, -41.7130.



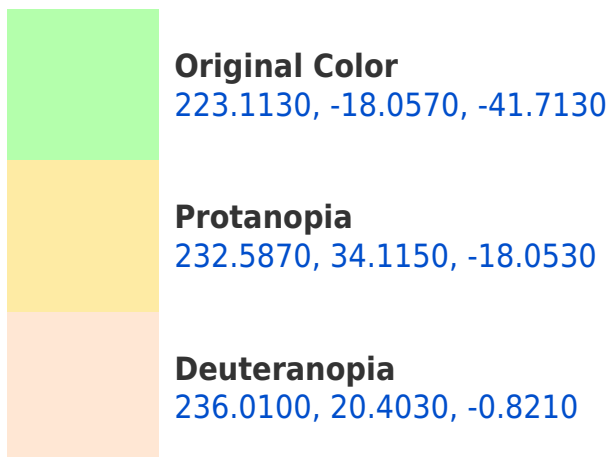
This preview shows how white text looks on a background with the YIQ color 223.1130, -18.0570, -41.7130.

-41.7130.

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

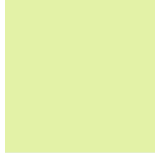
233.0280, -23.5660, -2.4300

Trichromacy



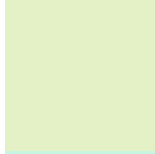
Original Color

223.1130, -18.0570, -41.7130



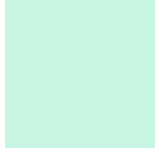
Protanomaly

228.9650, 15.1350, -26.5050



Deuteranomaly

231.5100, 6.6510, -15.9170



Tritanomaly

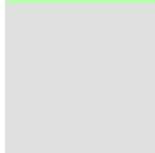
229.2540, -21.8670, -16.7070

Monochromacy



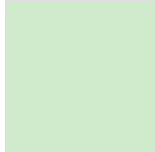
Original Color

223.1130, -18.0570, -41.7130



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.0940, -6.7370, -15.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.1130, -18.0570, -41.7130 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(180, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 172)  
}
```

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(180, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 172) }
```

Border

The CSS property to change the border of an element to YIQ 223.1130, -18.0570, -41.7130 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(180, 255, 172) }
```


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

```
.border{ border-color:rgb(180, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 223.1130, -18.0570, -41.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 172) }
```

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

```
.background{ background-color: rgb(180,  
255, 172) }
```

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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