

Converting Colors

`RYB(230, 255, 229)`

Have a look what the booklet for
RYB(230, 255, 229) contains.

RYB(230, 255, 229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(230, 255, 229)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE5
RGB	255, 254, 229
RGB Percent	100%, 100%, 90%
CMY	0.0000, 0.0038, 0.1020
CMYK	0.00, 0.00, 0.10, 0.00
HSL	58°, 100%, 95%
HSV	58°, 10%, 100%
XYZ	90.8364, 97.8243, 88.2231
YIQ	251.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

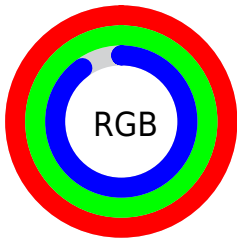
Format	Color
R _Y B	230, 255, 229
Decimal	16776933
CIE Lab	99.15, -3.84, 12.09
CIE LCh	99, 12.681, 107.637
Yxy	97.8243, 0.3281, 0.3533
Android (android.graphics.Color)	4294967013 (0xFFFFFEE5)
YUV	251.4490, -11.0674, 3.1142
Hunter-Lab	98.9062, -9.1495, 16.3483

Details

The RYB color **230, 255, 229** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **229, 230, 255**, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and **175, 198, 174** is the 20% darker color. If you saturate the color by 10%, you get **206, 255, 204**, and if you desaturate by 10%, it is 255, 255, 255.

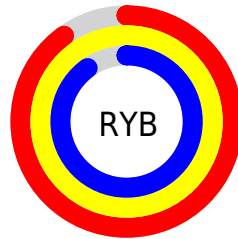
Distribution



Red (100%)

Green (100%)

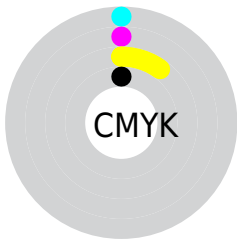
Blue (90%)



Red (90%)

Yellow (100%)

Blue (90%)

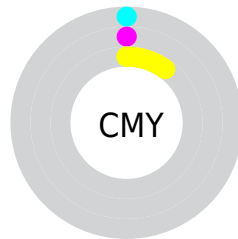


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (0%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 255, 229 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 RYB color 230, 255, 229 by changing the saturation by 10% instead.

 230, 255, 229


255, 255, 255

 230, 255, 229

 202, 226, 201


 175, 198, 174

 148, 171, 147

 121, 144, 121

 97, 119, 96

 74, 94, 73

 50, 70, 50

 29, 48, 30

 4, 27, 4

 230, 255, 229

 230, 255, 229

 206, 255, 204

255, 255, 255

 181, 255, 178

 157, 255, 153

 132, 255, 127

 108, 255, 102

 83, 255, 76

 59, 255, 51

 34, 255, 25

 9, 255, 0

Harmonies

Analogous

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



235, 255, 229



230, 255, 229



236, 255, 250

Triad

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



230, 255, 229



224, 240, 255



255, 245, 255

Complementary

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



230, 255, 229



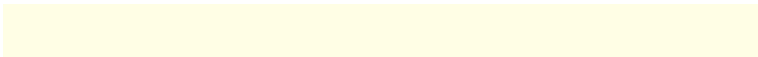
229, 230, 255

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.



255, 247, 255



230, 255, 229



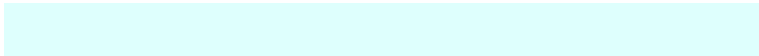
234, 245, 255

Square

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



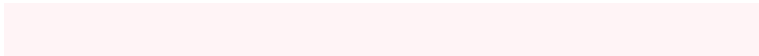
230, 255, 229



222, 239, 255



249, 251, 255



255, 244, 246

Rectangle

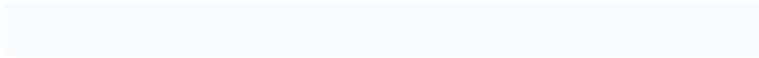
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 255, 229



232, 248, 255



249, 251, 255



255, 245, 255

Sweetspot

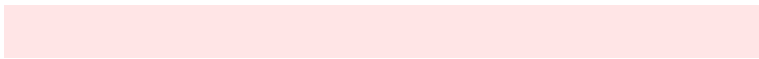
The Sweet Spot groups the original color and five complimentary colors.



230, 255, 229



247, 255, 247



255, 229, 230



123, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



230, 255, 229



225, 255, 224



229, 255, 241



116, 128, 115



7, 191, 0



3, 64, 0

Inverse Universe

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



229, 230, 255



224, 226, 255



241, 229, 255



115, 115, 128



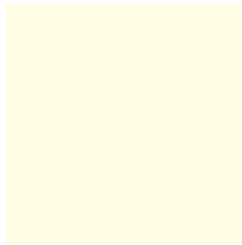
0, 7, 191



0, 2, 64

Previews

White Background



This preview shows how the RYB color 230, 255, 229 looks on a white background.

Color Contrast Check

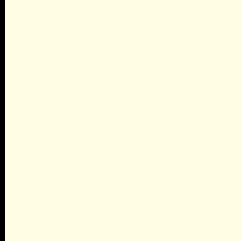
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 230, 255, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

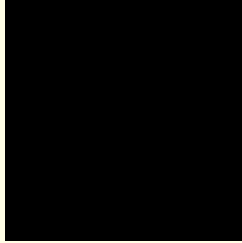
Any Text WCAG AA ✓ Pass

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](#).

RYB 230, 255, 229 Background



This preview shows how black text looks on a background with the RYB color 230, 255, 229.



This preview shows how white text looks on a background with the RYB color 230, 255, 229.

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
230, 255, 229



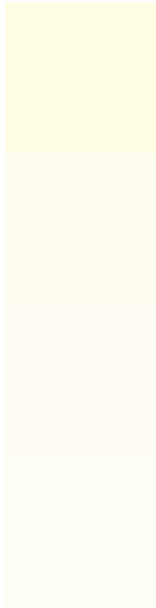
Protanopia
252, 255, 247

Deuteranopia
255, 252, 251

Tritanopia

254, 252, 255

Trichromacy



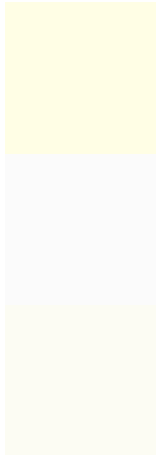
Original Color
230, 255, 229

Protanomaly
242, 255, 240

Deuteranomaly
245, 255, 243

Tritanomaly
247, 254, 246

Monochromacy



Original Color
230, 255, 229

Achromatopsia
251, 251, 251

Achromatomaly
243, 252, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 255, 229 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(255, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 229)  
}
```

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(255, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 229) }
```

Border

The CSS property to change the border of an element to RYB 230, 255, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

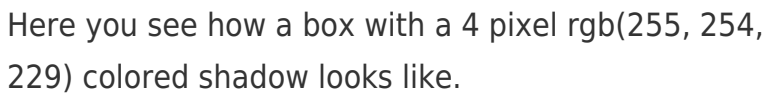
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 254, 229) }
```

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

```
.border{ border-color:rgb(255, 254, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 254, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 254, 229); box-shadow:4px 4px 4px 4px rgb(255, 254, 229) }
```

Background

The CSS property to change the background color of an element to RYB 230, 255, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 229) }
```

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

```
.background{ background-color: rgb(255,  
254, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor