

Converting Colors

`RYB(175, 252, 170)`

Have a look what the booklet for
RYB(175, 252, 170) contains.

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Color

R_YB(175, 252, 170)

Conversions

Conversions Part 1

Format	Color
Hex	FCF7AA
RGB	252, 247, 170
RGB Percent	99%, 97%, 67%
CMY	0.0118, 0.0302, 0.3333
CMYK	0.00, 0.02, 0.33, 0.01
HSL	57°, 93%, 83%
HSV	57°, 33%, 99%
XYZ	80.7493, 90.2951, 51.2030
YIQ	239.7170, 27.6970, -22.8870

Conversions

Conversions Part 2

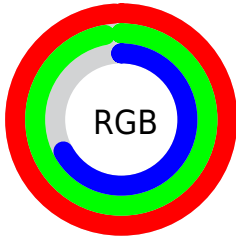
Format	Color
RYB	175, 252, 170
Decimal	16578474
CIELab	96.12, -9.72, 37.78
CIELCh	96, 39.010, 104.424
Yxy	90.2951, 0.3633, 0.4063
Android (android.graphics.Color)	4294768554 (0xFFFCF7AA)
YUV	239.7170, -34.3705, 10.7722
Hunter-Lab	95.0238, -14.6058, 34.5686

Details

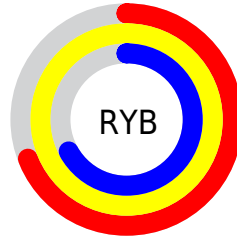
The RYB color **175, 252, 170** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **170, 175, 252**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **226, 255, 226**, and **120, 194, 117** is the 20% darker color. If you saturate the color by 10%, you get **151, 252, 145**, and if you desaturate by 10%, it is **198, 252, 195**.

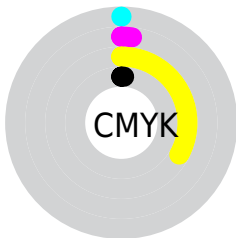
Distribution



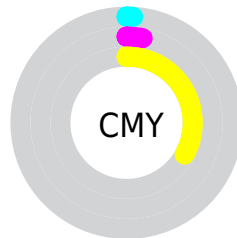
- Red (99%)
- Green (97%)
- Blue (67%)



- Red (69%)
- Yellow (99%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 252, 170 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 175, 252, 170 by changing the saturation by 10% instead.


 175, 252, 170


255, 255, 255

 226, 255, 226

 175, 252, 170

 147, 223, 143

 120, 194, 117

 94, 167, 91

 68, 139, 67

 44, 113, 43

 18, 88, 19

 0, 65, 3

 0, 43, 4

 0, 23, 14

■ 175, 252, 170

■ 175, 252, 170

■ 151, 252, 145

■ 198, 252, 195

■ 129, 252, 120

■ 222, 252, 220

■ 104, 252, 94

■ 246, 252, 246

■ 81, 252, 69

■ 252, 253, 255

■ 57, 252, 44

■ 252, 254, 255

■ 33, 252, 19

■ 15, 252, 0

Harmonies

Analogous

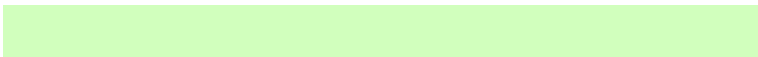
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198, 255, 172



175, 252, 170



189, 255, 235

Triad

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



175, 252, 170



127, 191, 255



255, 218, 255

Complementary

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



175, 252, 170



170, 175, 252

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, 228, 255



175, 252, 170



166, 210, 255

Square

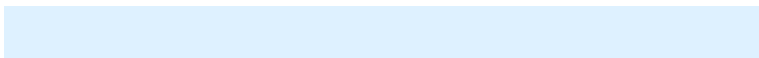
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



175, 252, 170



130, 193, 255



222, 234, 255



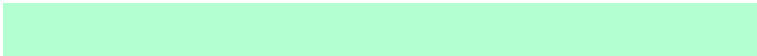
255, 216, 227

Rectangle

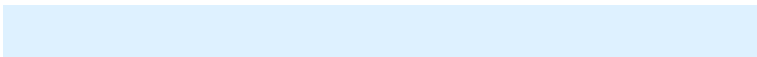
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175, 252, 170



180, 234, 255



222, 234, 255



255, 221, 255

Sweetspot

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



175, 252, 170



231, 255, 230



252, 170, 175



113, 128, 112



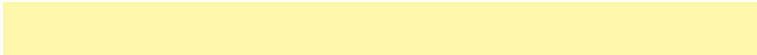
0, 0, 0



128, 128, 128

Same Dimension

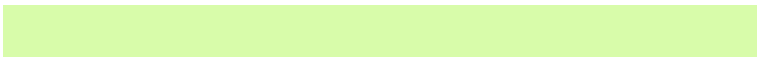
The Same Dimension uses a secret algorithm to generate beautiful new colors.



175, 252, 170



162, 255, 156



170, 252, 206



113, 125, 112



12, 189, 0



3, 61, 0

Inverse Universe

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



170, 175, 252



156, 161, 255



206, 170, 252



112, 113, 125



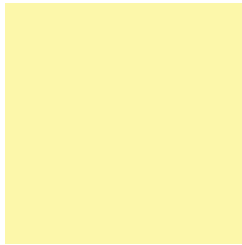
0, 10, 189



0, 4, 61

Previews

White Background



This preview shows how the RYB color 175, 252, 170 looks on a white background.

Color Contrast Check

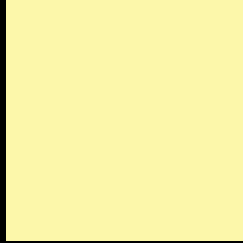
Large Text (above 18pt) WCAG AA × Fail

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 175, 252, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

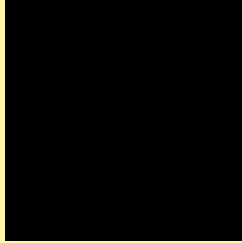
Any Text WCAG AA ✓ Pass

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 175, 252, 170 Background



This preview shows how black text looks on a background with the RYB color 175, 252, 170.

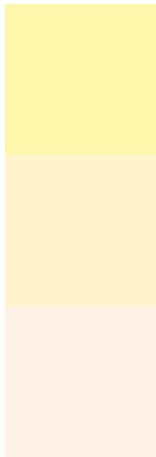


This preview shows how white text looks on a background with the RYB color 175, 252, 170.

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
175, 252, 170

Protanopia
220, 255, 206

Deuteranopia
255, 253, 230



Tritanopia

255, 239, 251

Trichromacy



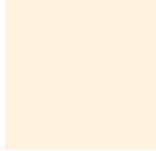
Original Color
175, 252, 170



Protanomaly
204, 254, 193



Deuteranomaly
221, 254, 208

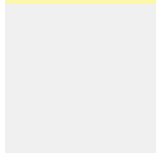


Tritanomaly
241, 254, 222

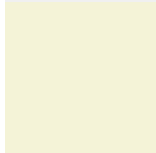
Monochromacy



Original Color
175, 252, 170



Achromatopsia
240, 240, 240



Achromatomaly
216, 244, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 252, 170 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(252, 247, 170)` looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 170)  
}
```

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(252, 247, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 170) }
```

Border

The CSS property to change the border of an element to RYB 175, 252, 170 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(252, 247, 170) }
```

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

```
.border{ border-color:rgb(252, 247, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 247, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 170);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 175, 252, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 170) }
```

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

```
.background{ background-color: rgb(252,  
247, 170) }
```

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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