

Converting Colors

`RYB(195, 247, 151)`

Have a look what the booklet for
RYB(195, 247, 151) contains.

RYB(195, 247, 151)	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

$\text{RYB}(195, 247, 151)$

Conversions

Conversions Part 1

Format	Color
Hex	F7D997
RGB	247, 217, 151
RGB Percent	97%, 85%, 59%
CMY	0.0314, 0.1497, 0.4078
CMYK	0.00, 0.12, 0.39, 0.03
HSL	41°, 86%, 78%
HSV	41°, 39%, 97%
XYZ	68.7124, 71.5459, 39.4664
YIQ	218.4460, 39.0660, -14.1660

Conversions

Conversions Part 2

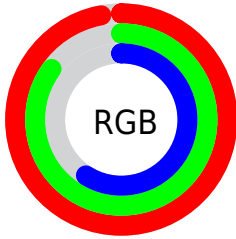
Format	Color
R _Y B	195, 247, 151
Decimal	16243095
CIE Lab	87.75, 1.55, 36.28
CIE LCh	88, 36.312, 87.551
Yxy	71.5459, 0.3823, 0.3981
Android (android.graphics.Color)	4294433175 (0xFFFF7D997)
YUV	218.4460, -33.2509, 25.0419
Hunter-Lab	84.5848, -3.0191, 31.5453

Details

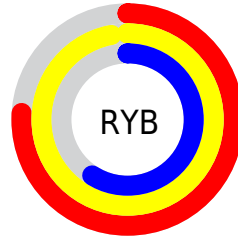
The RYB color **195, 247, 151** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **151, 174, 247**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **206, 255, 206**, and **138, 189, 99** is the 20% darker color. If you saturate the color by 10%, you get **181, 247, 126**, and if you desaturate by 10%, it is **208, 247, 176**.

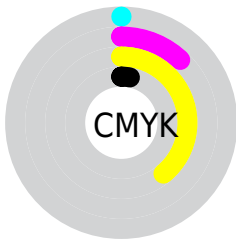
Distribution



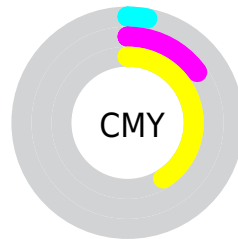
- Red (97%)
- Green (85%)
- Blue (59%)



- Red (76%)
- Yellow (97%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 247, 151 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 195, 247, 151 by changing the saturation by 10% instead.

 195, 247, 151

255, 255, 255

 206, 255, 206


 234, 255, 234

 195, 247, 151


 167, 218, 125

 138, 189, 99


 109, 161, 74

 83, 134, 51

 55, 107, 27

 25, 81, 2

 20, 57, 0

 15, 32, 0

 0, 0, 0

■ 195, 247, 151

■ 195, 247, 151

■ 181, 247, 126

■ 208, 247, 176

■ 169, 247, 102

■ 222, 247, 200

■ 154, 247, 77

■ 235, 247, 225

■ 141, 247, 52

■ 247, 248, 250

■ 128, 247, 27

■ 247, 251, 255

■ 116, 247, 3

■ 114, 247, 0

Harmonies

Analogous

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



255, 240, 163



195, 247, 151



158, 228, 175

Triad

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



195, 247, 151



109, 177, 251



255, 201, 255

Complementary

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



195, 247, 151



151, 174, 247

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.



221, 212, 255



195, 247, 151



125, 184, 255

Square

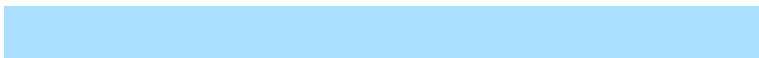
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 247, 151



132, 192, 239



171, 203, 255



255, 195, 224

Rectangle

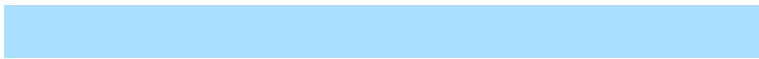
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 247, 151



172, 233, 221



171, 203, 255



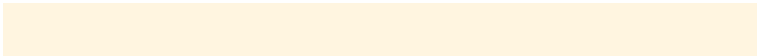
250, 204, 255

Sweetspot

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



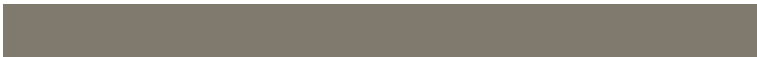
195, 247, 151



239, 255, 224



247, 151, 181



119, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



195, 247, 151



191, 255, 135



151, 247, 169



114, 122, 110



84, 186, 0



28, 59, 0

Inverse Universe

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



151, 174, 247



135, 164, 255



169, 151, 247



110, 113, 122



0, 45, 186



0, 14, 59

Previews

White Background



This preview shows how the RYB color 195, 247, 151 looks on a white background.

Color Contrast Check

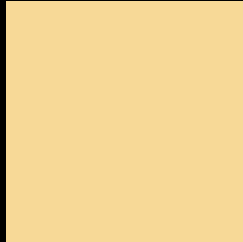
Large Text (above 18pt) WCAG AA × Fail

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 195, 247, 151 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 195, 247, 151 Background



This preview shows how black text looks on a background with the RYB color 195, 247, 151.



This preview shows how white text looks on a background with the RYB color 195, 247, 151.

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
195, 247, 151

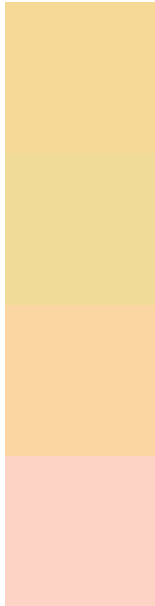
Protanopia
175, 238, 152

Deuteranopia
249, 255, 168



Tritanopia
255, 208, 224

Trichromacy



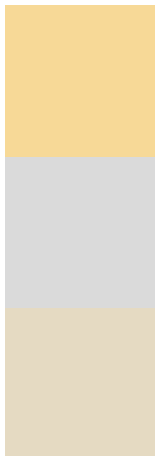
Original Color
195, 247, 151

Protanomaly
181, 241, 152

Deuteranomaly
228, 252, 162

Tritanomaly
252, 216, 197

Monochromacy



Original Color
195, 247, 151

Achromatopsia
218, 218, 218

Achromatomaly
210, 229, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 247, 151 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(247, 217, 151)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 151)  
}
```

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(247, 217, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 151) }
```

Border

The CSS property to change the border of an element to RYB 195, 247, 151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

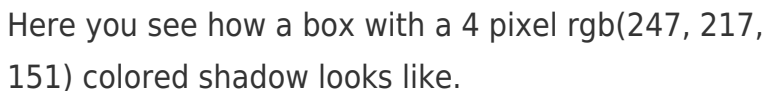
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 217, 151) }
```

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

```
.border{ border-color:rgb(247, 217, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 217, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 151);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 195, 247, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 151) }
```

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

```
.background{ background-color: rgb(247,  
217, 151) }
```

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