

Converting Colors

`RYB(205, 255, 152)`

Have a look what the booklet for
RYB(205, 255, 152) contains.

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Color

R_YB(205, 255, 152)

Conversions

Conversions Part 1

Format	Color
Hex	FFDC98
RGB	255, 220, 152
RGB Percent	100%, 86%, 60%
CMY	0.0000, 0.1372, 0.4039
CMYK	0.00, 0.14, 0.40, 0.00
HSL	40°, 100%, 80%
HSV	40°, 40%, 100%
XYZ	72.5024, 74.7168, 40.3063
YIQ	222.7130, 42.6880, -13.7280

Conversions

Conversions Part 2

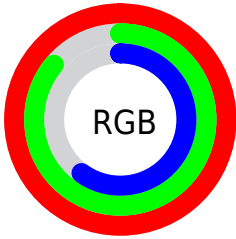
Format	Color
R _Y B	205, 255, 152
Decimal	16768152
CIE Lab	89.26, 3.14, 37.88
CIE LCh	89, 38.009, 85.256
Yxy	74.7168, 0.3866, 0.3984
Android (android.graphics.Color)	4294958232 (0xFFFFDC98)
YUV	222.7130, -34.8615, 28.3157
Hunter-Lab	86.4389, -1.5474, 32.8604

Details

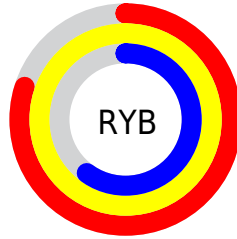
The RYB color **205, 255, 152** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **152, 178, 255**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **207, 255, 207**, and **148, 197, 100** is the 20% darker color. If you saturate the color by 10%, you get **194, 255, 127**, and if you desaturate by 10%, it is **217, 255, 178**.

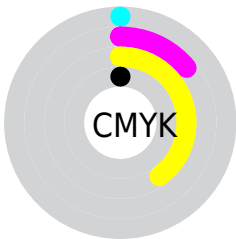
Distribution



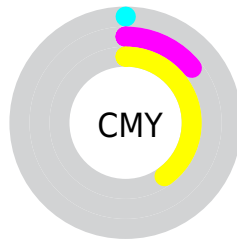
- Red (100%)
- Green (86%)
- Blue (60%)



- Red (80%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 255, 152 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 205, 255, 152 by changing the saturation by 10% instead.

 205, 255, 152

255, 255, 255

 207, 255, 207


 235, 255, 235


 205, 255, 152

 178, 226, 126

 148, 197, 100

 117, 168, 75

 90, 141, 51

 62, 114, 27

 30, 87, 2

 25, 62, 0

 20, 37, 0

 0, 0, 0

■ 205, 255, 152

■ 205, 255, 152

■ 194, 255, 127

■ 217, 255, 178

■ 180, 255, 101

■ 231, 255, 203

■ 169, 255, 76

■ 243, 255, 229

■ 156, 255, 50

254, 255, 254

■ 142, 255, 24

255, 255, 255

■ 132, 255, 0

Harmonies

Analogous

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



255, 246, 166



205, 255, 152



158, 231, 171

Triad

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



205, 255, 152



106, 177, 254



255, 205, 255

Complementary

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



205, 255, 152



152, 178, 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.



221, 217, 255



205, 255, 152



119, 183, 255

Square

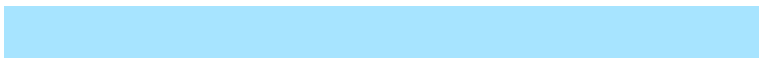
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205, 255, 152



134, 197, 244



167, 203, 255



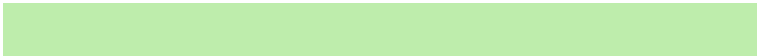
255, 198, 232

Rectangle

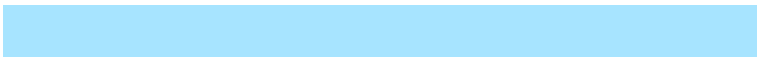
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205, 255, 152



172, 237, 219



167, 203, 255



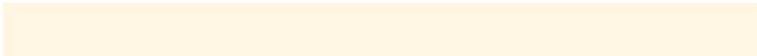
252, 209, 255

Sweetspot

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



205, 255, 152



239, 255, 224



255, 152, 188



121, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



205, 255, 152



197, 255, 133



152, 255, 167



123, 128, 115



99, 191, 0



34, 64, 0

Inverse Universe

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



152, 178, 255



133, 164, 255



167, 152, 255



115, 118, 128



0, 48, 191



0, 16, 64

Previews

White Background



This preview shows how the RYB color 205, 255, 152 looks on a white background.

Color Contrast Check

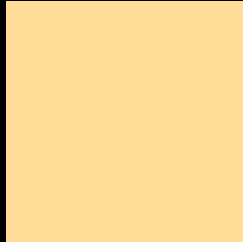
Large Text (above 18pt) WCAG AA × Fail

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 205, 255, 152 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 205, 255, 152 Background



This preview shows how black text looks on a background with the RYB color 205, 255, 152.




This preview shows how white text looks on a background with the RYB color 205, 255, 152.

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](#).

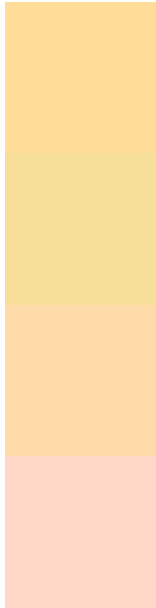
Dichromacy

	Original Color 205, 255, 152
	Protanopia 178, 243, 154
	Deuteranopia 253, 255, 180



Tritanopia
255, 214, 226

Trichromacy



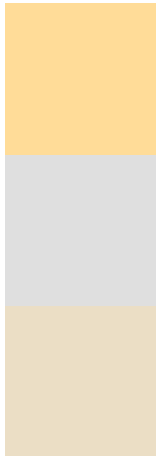
Original Color
205, 255, 152

Protanomaly
185, 247, 153

Deuteranomaly
232, 255, 170

Tritanomaly
255, 223, 199

Monochromacy



Original Color
205, 255, 152

Achromatopsia
223, 223, 223

Achromatomaly
217, 235, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 255, 152 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, 220, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 152)  
}
```

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, 220, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 152) }
```

Border

The CSS property to change the border of an element to RYB 205, 255, 152 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, 220, 152) }
```

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

```
.border{ border-color:rgb(255, 220, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 152); box-shadow:4px 4px 4px 4px rgb(255, 220, 152) }
```

Background

The CSS property to change the background color of an element to RGB 205, 255, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 152) }
```

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

```
.background{ background-color: rgb(255,  
220, 152) }
```

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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