

Converting Colors

`RYB(164, 244, 155)`

Have a look what the booklet for
RYB(164, 244, 155) contains.

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Color

R_YB(164, 244, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F4EC9B
RGB	244, 236, 155
RGB Percent	96%, 93%, 61%
CMY	0.0431, 0.0752, 0.3922
CMYK	0.00, 0.03, 0.36, 0.04
HSL	54°, 80%, 78%
HSV	54°, 36%, 96%
XYZ	73.1702, 81.4907, 42.8831
YIQ	229.1580, 30.7690, -23.4950

Conversions

Conversions Part 2

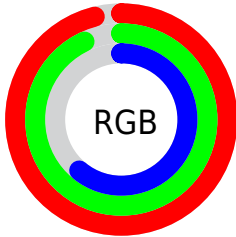
Format	Color
RYB	164, 244, 155
Decimal	16051355
CIELab	92.35, -8.77, 40.21
CIELCh	92, 41.154, 102.311
Yxy	81.4907, 0.3704, 0.4125
Android (android.graphics.Color)	4294241435 (0xFFFF4EC9B)
YUV	229.1580, -36.5599, 13.0164
Hunter-Lab	90.2722, -13.2932, 35.0253

Details

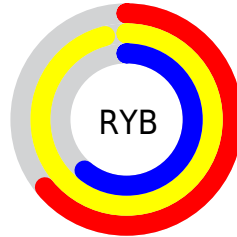
The RYB color **164, 244, 155** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **155, 162, 244**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **210, 255, 210**, and **111, 187, 103** is the 20% darker color. If you saturate the color by 10%, you get **142, 244, 131**, and if you desaturate by 10%, it is **186, 244, 179**.

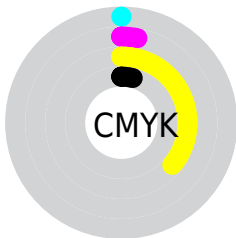
Distribution



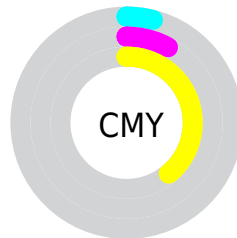
- Red (96%)
- Green (93%)
- Blue (61%)



- Red (64%)
- Yellow (96%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 244, 155 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 164, 244, 155 by changing the saturation by 10% instead.

 164, 244, 155


255, 255, 255


 210, 255, 210


 239, 255, 239

 164, 244, 155

 136, 215, 128

 111, 187, 103

 83, 159, 77


 57, 132, 53

 30, 105, 28

 2, 80, 1

 0, 56, 0

 0, 35, 4

 0, 14, 14

■ 164, 244, 155

■ 164, 244, 155

■ 142, 244, 131

■ 186, 244, 179

■ 120, 244, 106

■ 208, 244, 204

■ 99, 244, 82

■ 229, 244, 228

■ 76, 244, 57

■ 244, 245, 253

■ 54, 244, 33

■ 244, 246, 255

■ 33, 244, 9

■ 244, 247, 255

■ 24, 244, 0

■ 244, 249, 255

■ 244, 249, 255

■ 244, 250, 255

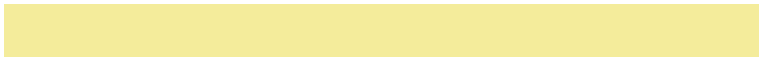
Harmonies

Analogous

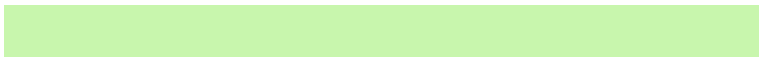
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 255, 158



164, 244, 155



173, 246, 219

Triad

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



164, 244, 155



100, 177, 255



255, 206, 255

Complementary

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



164, 244, 155



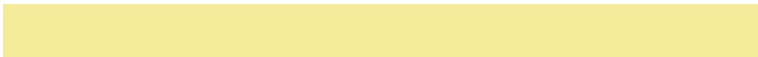
155, 162, 244

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, 217, 255



164, 244, 155



144, 197, 255

Square

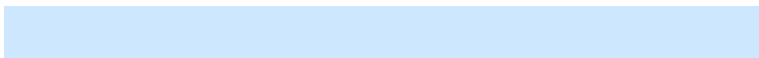
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



164, 244, 155



110, 184, 255



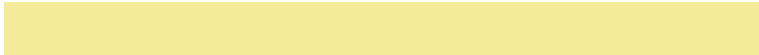
205, 222, 255



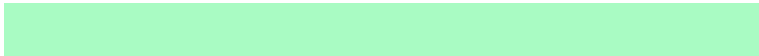
255, 203, 218

Rectangle

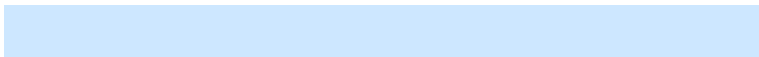
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164, 244, 155



169, 231, 251



205, 222, 255



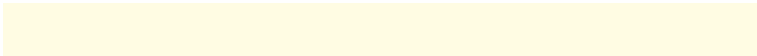
255, 209, 255

Sweetspot

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



164, 244, 155



230, 255, 227



244, 155, 164



113, 128, 111



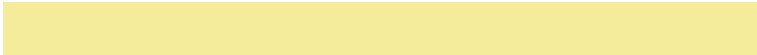
0, 0, 0



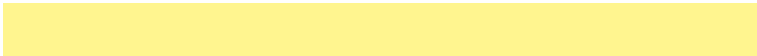
128, 128, 128

Same Dimension

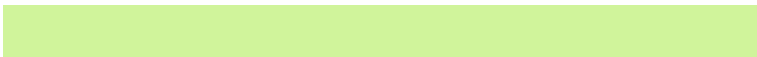
The Same Dimension uses a secret algorithm to generate beautiful new colors.



164, 244, 155



154, 255, 143



155, 244, 191



111, 122, 110



19, 186, 0



7, 59, 0

Inverse Universe

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



155, 162, 244



143, 152, 255



191, 155, 244



110, 111, 122



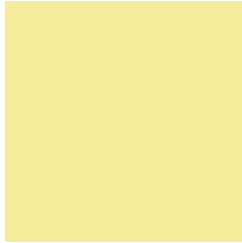
0, 16, 186



0, 5, 59

Previews

White Background



This preview shows how the RYB color 164, 244, 155 looks on a white background.

Color Contrast Check

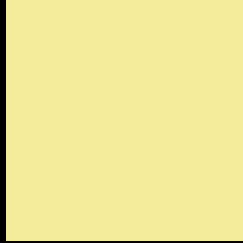
Large Text (above 18pt) WCAG AA × Fail

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 164, 244, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

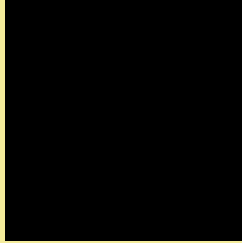
Any Text WCAG AA ✓ Pass

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 164, 244, 155 Background



This preview shows how black text looks on a background with the RYB color 164, 244, 155.

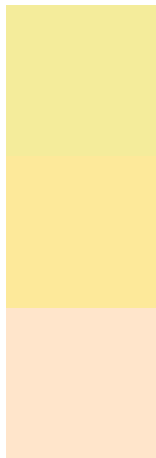


This preview shows how white text looks on a background with the RYB color 164, 244, 155.

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
164, 244, 155

Protanopia
179, 253, 154

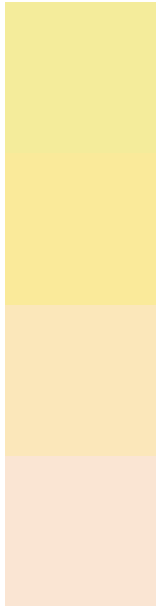
Deuteranopia
255, 255, 203



Tritanopia

254, 225, 243

Trichromacy



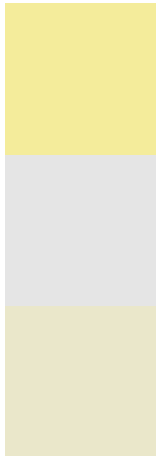
Original Color
164, 244, 155

Protanomaly
173, 250, 154

Deuteranomaly
215, 251, 186

Tritanomaly
250, 244, 211

Monochromacy



Original Color
164, 244, 155

Achromatopsia
229, 229, 229

Achromatomaly
205, 234, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 244, 155 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(244, 236, 155)` looks like.

```
.text, #text, p{  
    color:rgb(244, 236, 155)  
}
```

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(244, 236, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 236, 155) }
```

Border

The CSS property to change the border of an element to RYB 164, 244, 155 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(244, 236, 155) }
```

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

```
.border{ border-color:rgb(244, 236, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 236, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 236, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 236, 155);  
box-shadow:4px 4px 4px 4px rgb(244, 236,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 164, 244, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 236, 155) }
```

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

```
.background{ background-color: rgb(244,  
236, 155) }
```

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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