

Converting Colors

`RYB(154, 229, 149)`

Have a look what the booklet for
RYB(154, 229, 149) contains.

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Color

RYB(154, 229, 149)

Conversions

Conversions Part 1

Format	Color
Hex	E5E095
RGB	229, 224, 149
RGB Percent	90%, 88%, 58%
CMY	0.1020, 0.1204, 0.4157
CMYK	0.00, 0.02, 0.35, 0.10
HSL	56°, 61%, 74%
HSV	56°, 35%, 90%
XYZ	64.4727, 72.2975, 38.9905
YIQ	216.9450, 27.0550, -22.2650

Conversions

Conversions Part 2

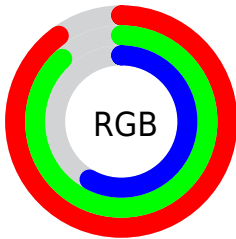
Format	Color
RYB	154, 229, 149
Decimal	15065237
CIELab	88.11, -9.44, 37.48
CIElCh	88, 38.648, 104.131
Yxy	72.2975, 0.3668, 0.4113
Android (android.graphics.Color)	4293255317 (0xFFE5E095)
YUV	216.9450, -33.4969, 10.5722
Hunter-Lab	85.0279, -13.4507, 32.3315

Details

The RYB color **154, 229, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 154, 229**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **204, 255, 204**, and **100, 172, 97** is the 20% darker color. If you saturate the color by 10%, you get **132, 229, 126**, and if you desaturate by 10%, it is **175, 229, 172**.

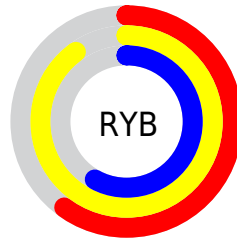
Distribution



Red (90%)

Green (88%)

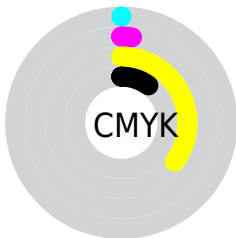
Blue (58%)



Red (60%)

Yellow (90%)

Blue (58%)

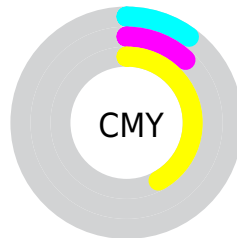


Cyan (0%)

Magenta (2%)

Yellow (35%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 229, 149 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 154, 229, 149 by changing the saturation by 10% instead.

 154, 229, 149

255, 255, 255

 204, 255, 204

 232, 255, 232

 154, 229, 149

 127, 200, 123

 100, 172, 97

 74, 145, 72

 49, 118, 48

 24, 93, 24

 0, 69, 1

 0, 47, 3

 0, 27, 8

 0, 0, 0

 154, 229, 149

 154, 229, 149

 132, 229, 126

 175, 229, 172

 110, 229, 103

 197, 229, 195

 90, 229, 80

 219, 229, 218

 68, 229, 57


 229, 230, 241

 47, 229, 35

 229, 231, 255

 26, 229, 12

 229, 232, 255

 14, 229, 0

 229, 233, 255

 229, 234, 255

 229, 235, 255

Harmonies

Analogous

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



224, 255, 151



154, 229, 149



167, 234, 213

Triad

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



154, 229, 149



101, 174, 255



255, 196, 242

Complementary

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



154, 229, 149



149, 154, 229

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.



248, 205, 255



154, 229, 149



142, 191, 255

Square

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



154, 229, 149



106, 174, 241



198, 213, 255



255, 194, 205

Rectangle

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



154, 229, 149



159, 217, 238



198, 213, 255



255, 198, 254

Sweetspot

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



154, 229, 149



231, 255, 230



229, 149, 154



113, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



154, 229, 149



154, 255, 148



149, 229, 184



104, 115, 103



12, 179, 0



3, 51, 0

Inverse Universe

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



149, 154, 229



148, 154, 255



184, 149, 229



103, 104, 115



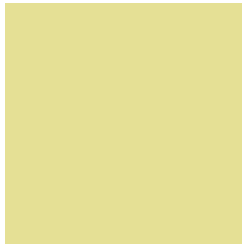
0, 9, 179



0, 3, 51

Previews

White Background



This preview shows how the RYB color 154, 229, 149 looks on a white background.

Color Contrast Check

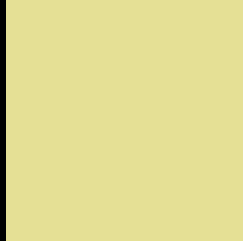
Large Text (above 18pt) WCAG AA × Fail

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 154, 229, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

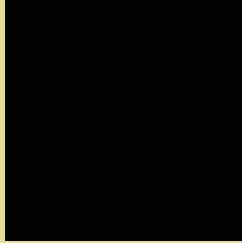
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

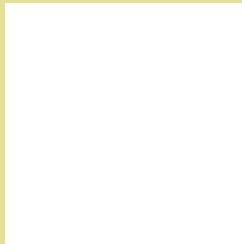
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 154, 229, 149 Background



This preview shows how black text looks on a background with the RYB color 154, 229, 149.

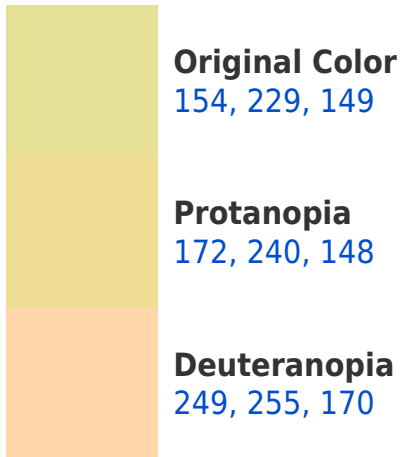


This preview shows how white text looks on a background with the RYB color 154, 229, 149.

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](#).

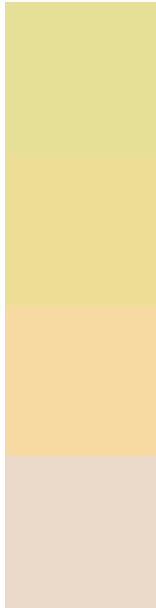
Dichromacy





Tritanopia
239, 214, 231

Trichromacy



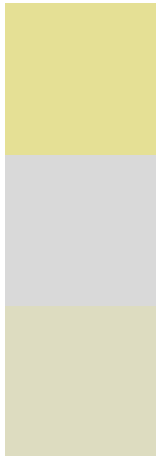
Original Color
154, 229, 149

Protanomaly
165, 236, 148

Deuteranomaly
204, 246, 162

Tritanomaly
235, 235, 201

Monochromacy



Original Color
154, 229, 149

Achromatopsia
217, 217, 217

Achromatomaly
193, 221, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 229, 149 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(229, 224, 149) looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 149)  
}
```

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(229, 224, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 149) }
```

Border

The CSS property to change the border of an element to RYB 154, 229, 149 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(229, 224, 149) }
```

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

```
.border{ border-color:rgb(229, 224, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 149);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 154, 229, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 149) }
```

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

```
.background{ background-color: rgb(229,  
224, 149) }
```

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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