

Converting Colors

`RYB(149, 248, 144)`

Have a look what the booklet for
RYB(149, 248, 144) contains.

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Color

R_YB(149, 248, 144)

Conversions

Conversions Part 1

Format	Color
Hex	F8F390
RGB	248, 243, 144
RGB Percent	97%, 95%, 56%
CMY	0.0275, 0.0462, 0.4353
CMYK	0.00, 0.02, 0.42, 0.03
HSL	57°, 88%, 77%
HSV	57°, 42%, 97%
XYZ	75.8647, 86.2086, 39.0270
YIQ	233.2090, 34.7590, -29.7290

Conversions

Conversions Part 2

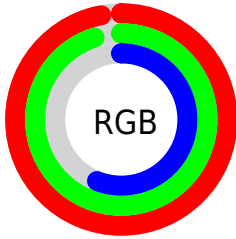
Format	Color
R _Y B	149, 248, 144
Decimal	16315280
CIE Lab	94.40, -12.06, 48.28
CIE LCh	94, 49.763, 104.027
Yxy	86.2086, 0.3772, 0.4287
Android (android.graphics.Color)	4294505360 (0xFFFF8F390)
YUV	233.2090, -43.9800, 12.9717
Hunter-Lab	92.8486, -16.6363, 40.0727

Details

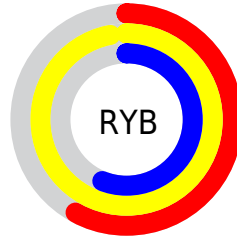
The RYB color **149, 248, 144** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **144, 149, 248**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **199, 255, 199**, and **94, 190, 91** is the 20% darker color. If you saturate the color by 10%, you get **125, 248, 119**, and if you desaturate by 10%, it is **173, 248, 169**.

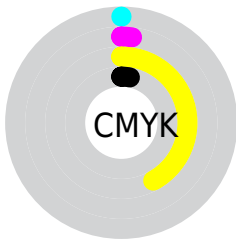
Distribution



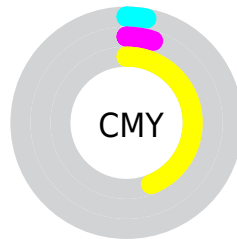
- Red (97%)
- Green (95%)
- Blue (56%)



- Red (58%)
- Yellow (97%)
- Blue (56%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 248, 144 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 149, 248, 144 by changing the saturation by 10% instead.

 149, 248, 144


255, 255, 255

 199, 255, 199


 228, 255, 228


 149, 248, 144

 121, 219, 117

 94, 190, 91

 68, 162, 66

 40, 134, 40

 9, 109, 11

 0, 85, 4

 0, 62, 6

 0, 40, 9


 0, 21, 21

 149, 248, 144

 149, 248, 144

 125, 248, 119

 173, 248, 169

 101, 248, 94

 196, 248, 194

 78, 248, 70

 219, 248, 218

 54, 248, 45

 243, 248, 243

 30, 248, 20

 248, 249, 255

 12, 248, 0

 248, 250, 255

 248, 250, 255

 248, 251, 255

 248, 251, 255

Harmonies

Analogous

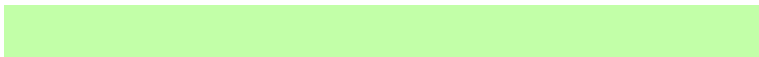
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 255, 147



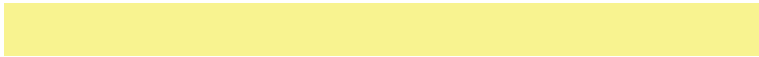
149, 248, 144



168, 255, 229

Triad

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



149, 248, 144



9, 132, 255



255, 204, 255

Complementary

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



149, 248, 144



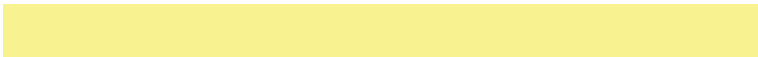
144, 149, 248

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, 218, 255



149, 248, 144



121, 187, 255

Square

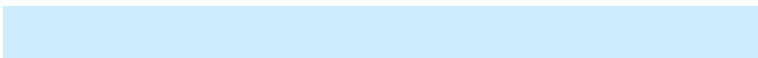
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



149, 248, 144



55, 155, 255



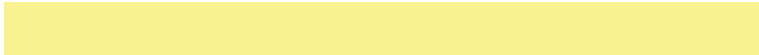
206, 225, 255



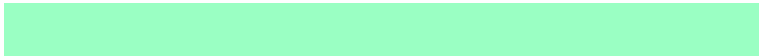
255, 202, 218

Rectangle

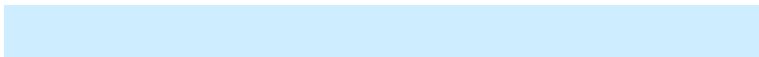
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



149, 248, 144



154, 226, 255



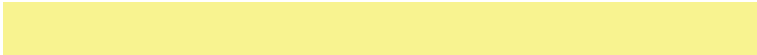
206, 225, 255



255, 208, 255

Sweetspot

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



149, 248, 144



224, 255, 222



248, 144, 149



108, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

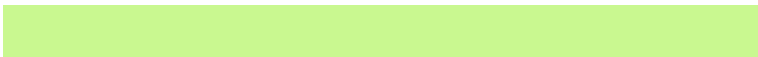
The Same Dimension uses a secret algorithm to generate beautiful new colors.



149, 248, 144



134, 255, 128



144, 248, 191



113, 125, 112



9, 189, 0



3, 61, 0

Inverse Universe

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



144, 149, 248



128, 133, 255



191, 144, 248



112, 113, 125



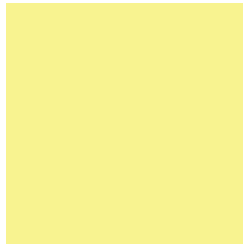
0, 9, 189



0, 3, 61

Previews

White Background



This preview shows how the RYB color 149, 248, 144 looks on a white background.

Color Contrast Check

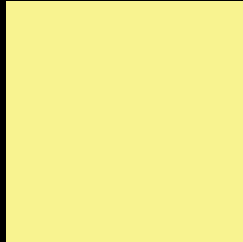
Large Text (above 18pt) WCAG AA × Fail

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 149, 248, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

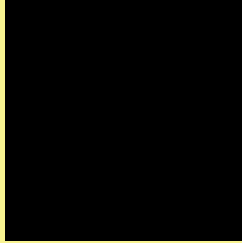
Any Text WCAG AA ✓ Pass

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 149, 248, 144 Background



This preview shows how black text looks on a background with the RYB color 149, 248, 144.

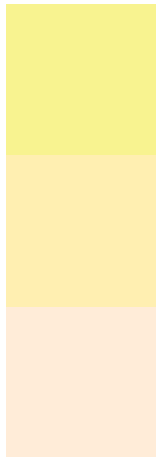


This preview shows how white text looks on a background with the RYB color 149, 248, 144.

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
149, 248, 144

Protanopia
197, 255, 177

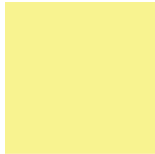
Deuteranopia
253, 255, 216



Tritanopia

255, 233, 247

Trichromacy



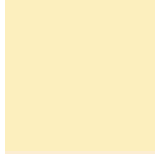
Original Color

149, 248, 144



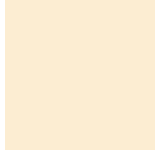
Protanomaly

178, 252, 165



Deuteranomaly

206, 252, 190



Tritanomaly

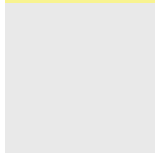
233, 252, 210

Monochromacy



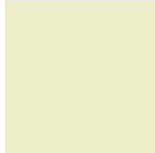
Original Color

149, 248, 144



Achromatopsia

233, 233, 233



Achromatomaly

202, 238, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 248, 144 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(248, 243, 144)` looks like.

```
.text, #text, p{  
    color:rgb(248, 243, 144)  
}
```

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(248, 243, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 243, 144) }
```

Border

The CSS property to change the border of an element to RYB 149, 248, 144 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(248, 243, 144) }
```

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

```
.border{ border-color:rgb(248, 243, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 243, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 243, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 243, 144);  
box-shadow:4px 4px 4px 4px rgb(248, 243,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 149, 248, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 243, 144) }
```

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

```
.background{ background-color: rgb(248,  
243, 144) }
```

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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