

Converting Colors

`RYB(114, 255, 111)`

Have a look what the booklet for
RYB(114, 255, 111) contains.

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Color

R_YB(114, 255, 111)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC6F
RGB	255, 252, 111
RGB Percent	100%, 99%, 44%
CMY	0.0000, 0.0115, 0.5647
CMYK	0.00, 0.01, 0.56, 0.00
HSL	59°, 100%, 72%
HSV	59°, 56%, 100%
XYZ	78.9389, 92.0670, 28.6491
YIQ	236.8230, 47.0490, -43.2150

Conversions

Conversions Part 2

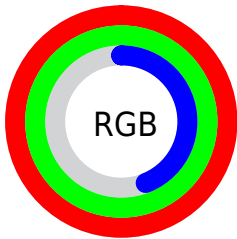
Format	Color
R_{YB}	114, 255, 111
Decimal	16776303
CIE _{Lab}	96.85, -16.42, 66.41
CIE _{LCh}	97, 68.407, 103.892
Yxy	92.0670, 0.3954, 0.4611
Android (android.graphics.Color)	4294966383 (0xFFFFFC6F)
YUV	236.8230, -62.0307, 15.9412
Hunter-Lab	95.9515, -21.0641, 49.4633

Details

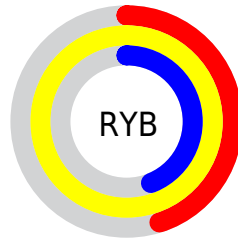
The RYB color **114, 255, 111** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **111, 114, 255**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **167, 255, 167**, and **55, 196, 56** is the 20% darker color. If you saturate the color by 10%, you get **89, 255, 86**, and if you desaturate by 10%, it is **139, 255, 137**.

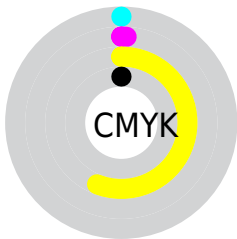
Distribution



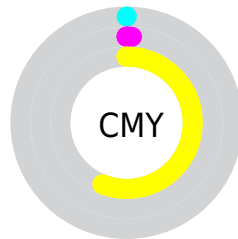
- Red (100%)
- Green (99%)
- Blue (44%)



- Red (45%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (1%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 255, 111 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 114, 255, 111 by changing the saturation by 10% instead.

 114, 255, 111

255, 255, 255

 167, 255, 167

 195, 255, 195


 224, 255, 224


254, 255, 254


 114, 255, 111

 84, 225, 83

 55, 196, 56

 19, 169, 21

 0, 142, 4

 0, 117, 7

 0, 92, 9

 0, 69, 13

 0, 47, 16

 0, 27, 27

■ 114, 255, 111

■ 114, 255, 111

■ 89, 255, 86

■ 139, 255, 137

■ 64, 255, 60

■ 164, 255, 162

■ 38, 255, 34

■ 189, 255, 188

■ 14, 255, 9

■ 214, 255, 213

■ 5, 255, 0

■ 239, 255, 239

255, 255, 255

Harmonies

Analogous

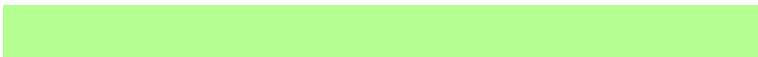
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



146, 255, 116



114, 255, 111



146, 255, 220

Triad

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



114, 255, 111



0, 128, 255



255, 194, 255

Complementary

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



114, 255, 111



111, 114, 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.



255, 216, 255



114, 255, 111



0, 128, 255

Square

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



114, 255, 111



0, 128, 255



189, 218, 255



255, 190, 217

Rectangle

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



114, 255, 111



116, 209, 255



189, 218, 255



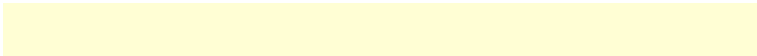
255, 200, 255

Sweetspot

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



114, 255, 111



213, 255, 212



255, 111, 116



103, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

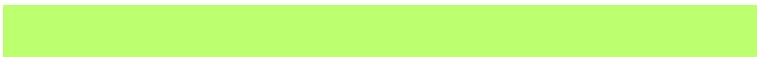
The Same Dimension uses a secret algorithm to generate beautiful new colors.



114, 255, 111



86, 255, 82



111, 255, 178



116, 128, 115



4, 191, 0



2, 64, 0

Inverse Universe

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



111, 114, 255



82, 85, 255



178, 111, 255



115, 115, 128



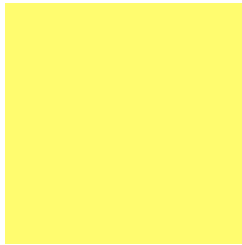
0, 4, 191



0, 1, 64

Previews

White Background



This preview shows how the RYB color 114, 255, 111 looks on a white background.

Color Contrast Check

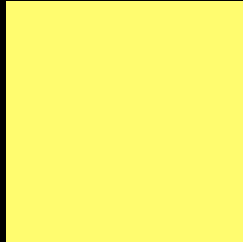
Large Text (above 18pt) WCAG AA × Fail

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 114, 255, 111 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 114, 255, 111 Background



This preview shows how black text looks on a background with the RYB color 114, 255, 111.

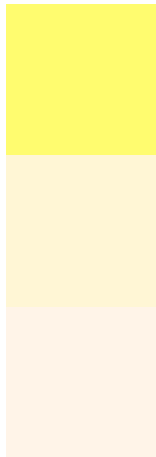


This preview shows how white text looks on a background with the RYB color 114, 255, 111.

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
114, 255, 111

Protanopia
224, 255, 213

Deuteranopia
253, 255, 232



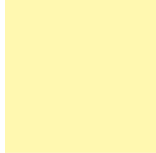
Tritanopia

255, 242, 250

Trichromacy



Original Color
114, 255, 111



Protanomaly
184, 255, 176

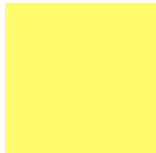


Deuteranomaly
197, 255, 188

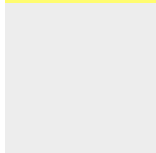


Tritanomaly
210, 255, 199

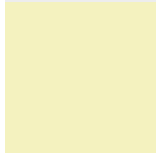
Monochromacy



Original Color
114, 255, 111



Achromatopsia
237, 237, 237



Achromatomaly
193, 244, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 255, 111 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, 252, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 111)  
}
```

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, 252, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 111) }
```

Border

The CSS property to change the border of an element to RYB 114, 255, 111 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, 252, 111) }
```

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

```
.border{ border-color:rgb(255, 252, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 114, 255, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 111) }
```

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

```
.background{ background-color: rgb(255,  
252, 111) }
```

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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