

Converting Colors

`RYB(140, 255, 114)`

Have a look what the booklet for
RYB(140, 255, 114) contains.

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Color

$\text{RYB}(140, 255, 114)$

Conversions

Conversions Part 1

Format	Color
Hex	FFE972
RGB	255, 233, 114
RGB Percent	100%, 91%, 45%
CMY	0.0000, 0.0861, 0.5529
CMYK	0.00, 0.09, 0.55, 0.00
HSL	51°, 100%, 72%
HSV	51°, 55%, 100%
XYZ	73.4297, 80.7799, 27.6415
YIQ	226.0120, 51.3110, -32.3450

Conversions

Conversions Part 2

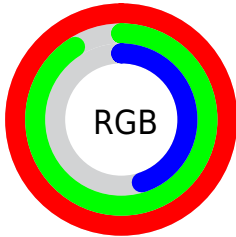
Format	Color
RYB	140, 255, 114
Decimal	16771442
CIELab	92.03, -6.87, 59.63
CIELCh	92, 60.022, 96.574
Yxy	80.7799, 0.4038, 0.4442
Android (android.graphics.Color)	4294961522 (0xFFFFE972)
YUV	226.0120, -55.2219, 25.4225
Hunter-Lab	89.8776, -11.4519, 44.6799

Details

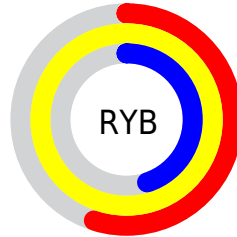
The RYB color **140, 255, 114** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **114, 133, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **169, 255, 169**, and **81, 196, 60** is the 20% darker color. If you saturate the color by 10%, you get **120, 255, 89**, and if you desaturate by 10%, it is **161, 255, 140**.

Distribution



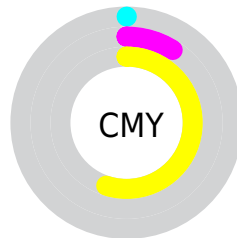
- Red (100%)
- Green (91%)
- Blue (45%)



- Red (55%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 255, 114 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 140, 255, 114 by changing the saturation by 10% instead.

 140, 255, 114

255, 255, 255


 169, 255, 169

 197, 255, 197

 226, 255, 226


 140, 255, 114

 110, 225, 87

 81, 196, 60

 49, 167, 31


 14, 138, 0

 11, 111, 0

 8, 84, 0

 2, 57, 0

 0, 33, 1

 0, 12, 12

■ 140, 255, 114

■ 140, 255, 114

■ 120, 255, 89

■ 161, 255, 140

■ 99, 255, 63

■ 182, 255, 165

■ 77, 255, 37

■ 203, 255, 191

■ 57, 255, 12

■ 223, 255, 216

■ 47, 255, 0

■ 244, 255, 242

255, 255, 255

Harmonies

Analogous

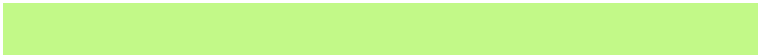
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 255, 126



140, 255, 114



136, 249, 191

Triad

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



140, 255, 114



0, 128, 255



255, 192, 255

Complementary

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



140, 255, 114



114, 133, 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.



254, 212, 255



140, 255, 114



0, 126, 255

Square

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



140, 255, 114



0, 131, 255



160, 202, 255



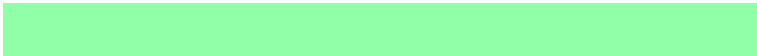
255, 184, 222

Rectangle

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



140, 255, 114



145, 237, 255



160, 202, 255



255, 198, 255

Sweetspot

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



140, 255, 114



220, 255, 212



255, 114, 138



107, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

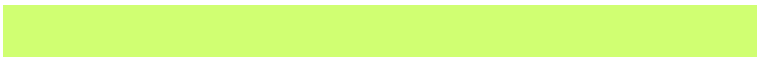
The Same Dimension uses a secret algorithm to generate beautiful new colors.



140, 255, 114



118, 255, 87



114, 255, 161



117, 128, 115



36, 191, 0



12, 64, 0

Inverse Universe

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



114, 133, 255



87, 110, 255



161, 114, 255



115, 117, 128



0, 26, 191



0, 9, 64

Previews

White Background



This preview shows how the RYB color 140, 255, 114 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 140, 255, 114 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 140, 255, 114 Background



This preview shows how black text looks on a background with the RYB color 140, 255, 114.

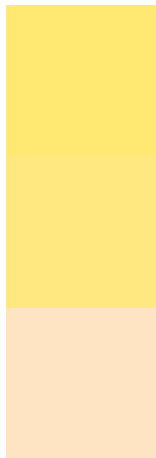


This preview shows how white text looks on a background with the RYB color 140, 255, 114.

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
140, 255, 114

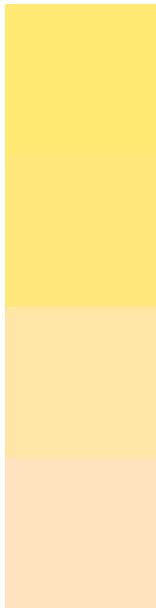
Protanopia
156, 255, 128

Deuteranopia
246, 255, 196



Tritanopia
255, 224, 235

Trichromacy



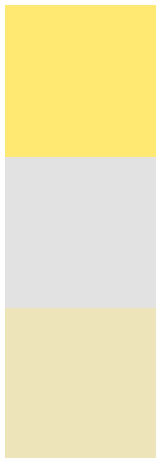
Original Color
140, 255, 114

Protanomaly
151, 255, 123

Deuteranomaly
201, 255, 166

Tritanomaly
241, 255, 191

Monochromacy



Original Color
140, 255, 114

Achromatopsia
226, 226, 226

Achromatomaly
194, 237, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 255, 114 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, 233, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 114)  
}
```

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, 233, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 114) }
```

Border

The CSS property to change the border of an element to RYB 140, 255, 114 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, 233, 114) }
```

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

```
.border{ border-color:rgb(255, 233, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 140, 255, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 114) }
```

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

```
.background{ background-color: rgb(255,  
233, 114) }
```

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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