

Converting Colors

`RYB(114, 234, 162)`

Have a look what the booklet for
RYB(114, 234, 162) contains.

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Color

R_YB(114, 234, 162)

Conversions

Conversions Part 1

Format	Color
Hex	BAEA72
RGB	186, 234, 114
RGB Percent	73%, 92%, 45%
CMY	0.2706, 0.0824, 0.5529
CMYK	0.21, 0.00, 0.51, 0.08
HSL	84°, 74%, 68%
HSV	84°, 51%, 92%
XYZ	52.7098, 70.4996, 26.7493
YIQ	205.9680, 9.9120, -47.4960

Conversions

Conversions Part 2

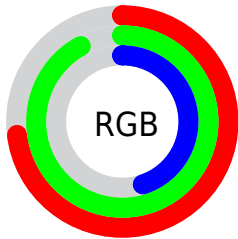
Format	Color
RYB	114, 234, 162
Decimal	12249714
CIELab	87.24, -34.21, 52.74
CIELCh	87, 62.868, 122.972
Yxy	70.4996, 0.3515, 0.4701
Android (android.graphics.Color)	4290439794 (0xFFBAEA72)
YUV	205.9680, -45.3402, -17.5119
Hunter-Lab	83.9641, -34.8809, 39.8862

Details

The RYB color **114, 234, 162** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **162, 114, 234**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **168, 255, 179**, and **61, 178, 109** is the 20% darker color. If you saturate the color by 10%, you get **91, 234, 148**, and if you desaturate by 10%, it is **137, 234, 176**.

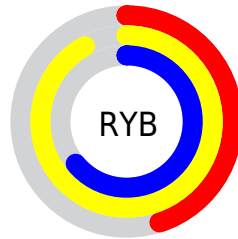
Distribution



Red (73%)

Green (92%)

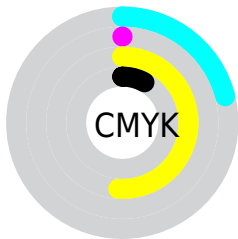
Blue (45%)



Red (45%)

Yellow (92%)

Blue (64%)

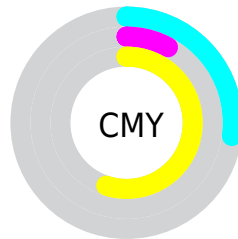


Cyan (21%)

Magenta (0%)

Yellow (51%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 234, 162 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, 234, 162 by changing the saturation by 10% instead.

 114, 234, 162

255, 255, 255

 168, 255, 179


 196, 255, 196


 225, 255, 225


254, 255, 254


 114, 234, 162

 87, 206, 135

 61, 178, 109


 33, 151, 81

 0, 125, 49

 0, 100, 51

 0, 75, 55

 0, 52, 52

 0, 33, 33

 0, 0, 0

■ 114, 234, 162

■ 114, 234, 162

■ 91, 234, 148

■ 137, 234, 176

■ 67, 234, 134

■ 161, 234, 190

■ 44, 234, 120

■ 184, 234, 204

■ 20, 234, 105

■ 208, 234, 219

■ 0, 234, 94

■ 231, 234, 232

■ 242, 234, 254

■ 252, 234, 255

■ 255, 234, 255

Harmonies

Analogous

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



133, 248, 94



114, 234, 162



105, 204, 244

Triad

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



114, 234, 162



0, 123, 255



255, 167, 215

Complementary

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



114, 234, 162



162, 114, 234

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, 178, 255



114, 234, 162



120, 178, 255

Square

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



114, 234, 162



0, 125, 255



230, 201, 255



255, 179, 157

Rectangle

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



114, 234, 162



0, 137, 248



230, 201, 255



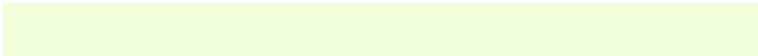
255, 169, 235

Sweetspot

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



114, 234, 162



217, 255, 232



234, 194, 114



105, 128, 115



0, 0, 0



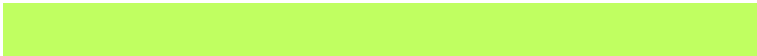
128, 128, 128

Same Dimension

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



114, 234, 162



97, 255, 160



114, 234, 222



106, 117, 110



0, 181, 72



0, 54, 22

Inverse Universe

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



162, 114, 234



160, 97, 255



222, 114, 234



110, 106, 117



72, 0, 181



21, 0, 54

Previews

White Background



This preview shows how the RYB color 114, 234, 162 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, 234, 162 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, 234, 162 Background



This preview shows how black text looks on a background with the RYB color 114, 234, 162.

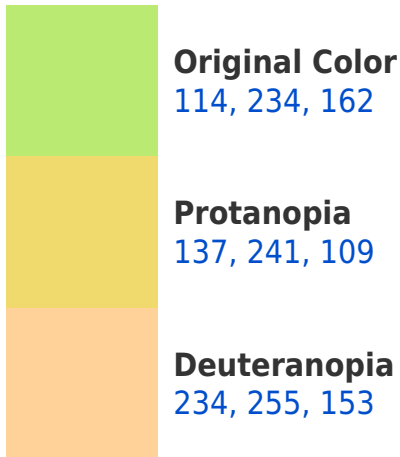


This preview shows how white text looks on a background with the RYB color 114, 234, 162.

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
202, 214, 238

Trichromacy



Original Color

114, 234, 162



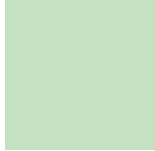
Protanomaly

111, 224, 114



Deuteranomaly

152, 230, 139



Tritanomaly

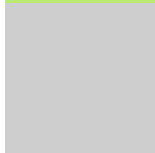
193, 225, 222

Monochromacy



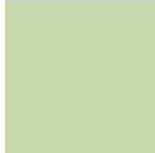
Original Color

114, 234, 162



Achromatopsia

206, 206, 206



Achromatomaly

173, 216, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 234, 162 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(186, 234, 114)` looks like.

```
.text, #text, p{  
    color:rgb(186, 234, 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(186, 234, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 234, 114) }
```

Border

The CSS property to change the border of an element to RYB 114, 234, 162 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(186, 234, 114) }
```

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

```
.border{ border-color:rgb(186, 234, 114) }
```

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

Here you see how a box with a 4 pixel rgb(186, 234, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 234, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 234, 114);  
box-shadow:4px 4px 4px 4px rgb(186, 234,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 114, 234, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 234, 114) }
```

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

```
.background{ background-color: rgb(186,  
234, 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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