

Converting Colors

`RYB(115, 221, 144)`

Have a look what the booklet for
RYB(115, 221, 144) contains.

RYB(115, 221, 144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(115, 221, 144)

Conversions

Conversions Part 1

Format	Color
Hex	C0DD73
RGB	192, 221, 115
RGB Percent	75%, 87%, 45%
CMY	0.2471, 0.1333, 0.5490
CMYK	0.13, 0.00, 0.48, 0.13
HSL	76°, 61%, 66%
HSV	76°, 48%, 87%
XYZ	50.6892, 64.1572, 25.9316
YIQ	200.2450, 16.7420, -39.1140

Conversions

Conversions Part 2

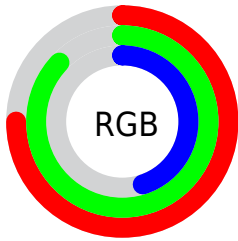
Format	Color
RYB	115, 221, 144
Decimal	12639603
CIELab	84.05, -25.77, 48.52
CIELCh	84, 54.941, 117.968
Yxy	64.1572, 0.3601, 0.4557
Android (android.graphics.Color)	4290829683 (0xFFC0DD73)
YUV	200.2450, -42.0258, -7.2309
Hunter-Lab	80.0982, -27.2102, 36.8737

Details

The RYB color **115, 221, 144** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **144, 115, 221**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **169, 255, 174**, and **63, 166, 93** is the 20% darker color. If you saturate the color by 10%, you get **93, 221, 128**, and if you desaturate by 10%, it is **137, 221, 160**.

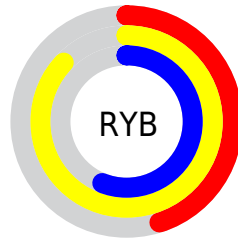
Distribution



Red (75%)

Green (87%)

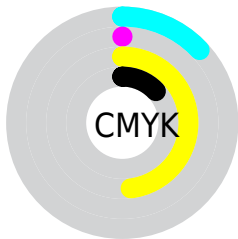
Blue (45%)



Red (45%)

Yellow (87%)

Blue (56%)

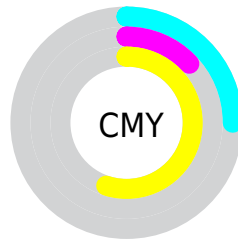


Cyan (13%)

Magenta (0%)

Yellow (48%)

Black (13%)



Cyan (25%)

Magenta (13%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 221, 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 115, 221, 144 by changing the saturation by 10% instead.

 115, 221, 144


255, 255, 255


 169, 255, 174


 197, 255, 197


 225, 255, 225


 115, 221, 144

 89, 193, 118

 63, 166, 93

 37, 139, 66

 3, 114, 34

 0, 89, 31

 0, 66, 34

 0, 43, 40

 0, 23, 23

 0, 0, 0

■ 115, 221, 144

■ 115, 221, 144

■ 93, 221, 128

■ 137, 221, 160

■ 71, 221, 112

■ 159, 221, 176

■ 49, 221, 96

■ 181, 221, 192

■ 27, 221, 80

■ 203, 221, 208

■ 5, 221, 64

■ 222, 221, 226

■ 0, 221, 60

■ 228, 221, 248

■ 234, 221, 255

■ 240, 221, 255

■ 246, 221, 255

Harmonies

Analogous

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



158, 244, 104



115, 221, 144



128, 211, 231

Triad

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



115, 221, 144



0, 121, 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.



115, 221, 144



144, 115, 221

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



115, 221, 144



113, 173, 255

Square

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



115, 221, 144



0, 122, 255



208, 197, 255



255, 172, 164

Rectangle

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



115, 221, 144



67, 165, 235



208, 197, 255



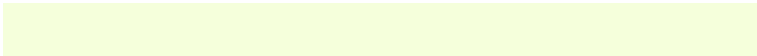
255, 169, 233

Sweetspot

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



115, 221, 144



219, 255, 229



221, 153, 115



106, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



115, 221, 144



107, 255, 147



115, 221, 196



99, 110, 102



0, 173, 47



0, 46, 13

Inverse Universe

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



144, 115, 221



148, 107, 255



196, 115, 221



102, 99, 110



47, 0, 173



13, 0, 46

Previews

White Background



This preview shows how the RYB color 115, 221, 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 115, 221, 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 115, 221, 144 Background



This preview shows how black text looks on a background with the RYB color 115, 221, 144.

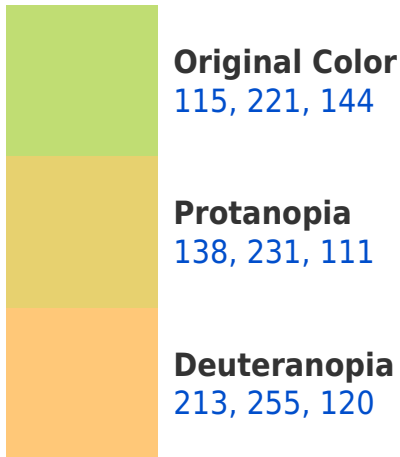


This preview shows how white text looks on a background with the RYB color 115, 221, 144.

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





Tritanopia
206, 209, 225

Trichromacy



Original Color

115, 221, 144

Protanomaly

116, 217, 112

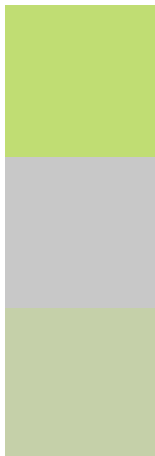
Deuteranomaly

148, 232, 118

Tritanomaly

185, 213, 197

Monochromacy



Original Color

115, 221, 144

Achromatopsia

200, 200, 200

Achromatomaly

169, 208, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 221, 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(192, 221, 115)` looks like.

```
.text, #text, p{  
    color:rgb(192, 221, 115)  
}
```

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(192, 221, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 221, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 221, 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(192, 221, 115) }
```

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

```
.border{ border-color:rgb(192, 221, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 221, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 221, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 221, 115); box-shadow:4px 4px 4px 4px rgb(192, 221, 115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 221, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 221, 115) }
```

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

```
.background{ background-color: rgb(192,  
221, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor