

Converting Colors

`RYB(153, 212, 184)`

Have a look what the booklet for
RYB(153, 212, 184) contains.

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Color

R_YB(153, 212, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B5D499
RGB	181, 212, 153
RGB Percent	71%, 83%, 60%
CMY	0.2902, 0.1686, 0.4000
CMYK	0.15, 0.00, 0.28, 0.17
HSL	92°, 41%, 72%
HSV	92°, 28%, 83%
XYZ	48.3493, 59.2106, 39.0175
YIQ	196.0050, 0.4630, -24.9210

Conversions

Conversions Part 2

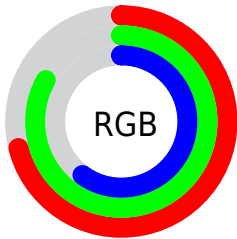
Format	Color
RYB	153, 212, 184
Decimal	11916441
CIELab	81.41, -20.72, 25.89
CIElCh	81, 33.159, 128.679
Yxy	59.2106, 0.3299, 0.4040
Android (android.graphics.Color)	4290106521 (0xFFB5D499)
YUV	196.0050, -21.2015, -13.1594
Hunter-Lab	76.9484, -22.5022, 23.8003

Details

The RYB color **153, 212, 184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **184, 153, 212**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **208, 255, 226**, and **101, 157, 131** is the 20% darker color. If you saturate the color by 10%, you get **132, 212, 174**, and if you desaturate by 10%, it is **174, 212, 194**.

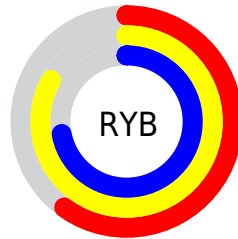
Distribution



Red (71%)

Green (83%)

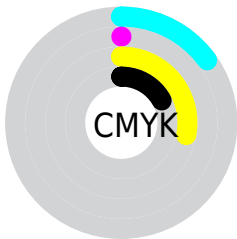
Blue (60%)



Red (60%)

Yellow (83%)

Blue (72%)

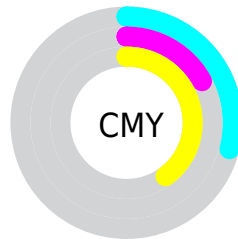


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (17%)



Cyan (29%)

Magenta (17%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 212, 184 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 153, 212, 184 by changing the saturation by 10% instead.


 153, 212, 184


255, 255, 255


 208, 255, 226


 236, 255, 236


 153, 212, 184

 127, 184, 157


 101, 157, 131


 77, 131, 106

 54, 106, 83

 31, 82, 60

 8, 58, 36

 0, 36, 29

 0, 10, 10

 0, 0, 0

 153, 212, 184

 153, 212, 184

 132, 212, 174

 174, 212, 194

 111, 212, 164

 195, 212, 204

 89, 212, 153

 214, 212, 217

 68, 212, 144

 226, 212, 238

 47, 212, 134

 237, 212, 255

 26, 212, 124

 248, 212, 255

 5, 212, 114

 255, 212, 255

 0, 212, 111

Harmonies

Analogous

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



155, 215, 141



153, 212, 184



145, 195, 218

Triad

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



153, 212, 184



131, 180, 255



255, 179, 194

Complementary

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



153, 212, 184



184, 153, 212

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.



249, 182, 226



153, 212, 184



175, 195, 255

Square

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



153, 212, 184



105, 167, 240



218, 191, 251



255, 188, 165

Rectangle

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



153, 212, 184



123, 176, 219



218, 191, 251



255, 179, 205

Sweetspot

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



153, 212, 184



235, 255, 246



210, 212, 153



115, 128, 122



0, 0, 0



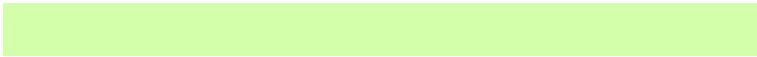
128, 128, 128

Same Dimension

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



153, 212, 184



171, 255, 215



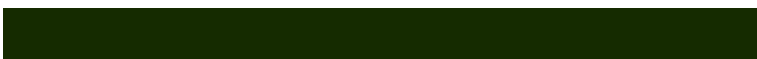
153, 211, 212



96, 107, 102



0, 171, 90



0, 43, 22

Inverse Universe

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



184, 153, 212



215, 171, 255



212, 153, 211



102, 96, 107



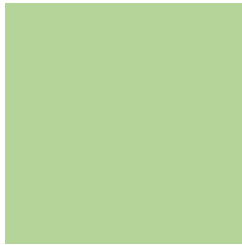
90, 0, 171



23, 0, 43

Previews

White Background



This preview shows how the RYB color 153, 212, 184 looks on a white background.

Color Contrast Check

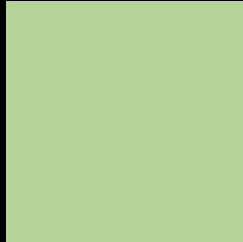
Large Text (above 18pt) WCAG AA × Fail

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 153, 212, 184 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 153, 212, 184 Background



This preview shows how black text looks on a background with the RYB color 153, 212, 184.

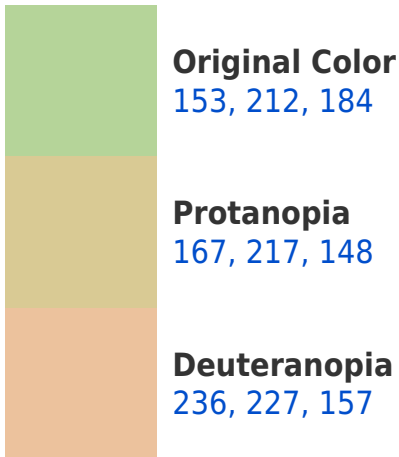


This preview shows how white text looks on a background with the RYB color 153, 212, 184.

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](#).

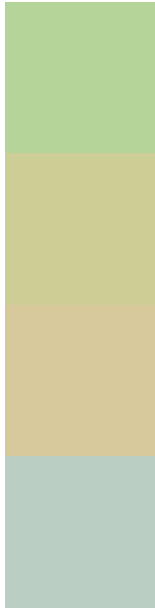
Dichromacy





Tritanopia
191, 199, 220

Trichromacy



Original Color
153, 212, 184

Protanomaly
150, 206, 152

Deuteranomaly
176, 216, 156

Tritanomaly
187, 200, 206

Monochromacy



Original Color
153, 212, 184

Achromatopsia
196, 196, 196

Achromatomaly
180, 202, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 212, 184 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(181, 212, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 212, 153)  
}
```

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(181, 212, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 212, 153) }
```

Border

The CSS property to change the border of an element to RYB 153, 212, 184 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(181, 212, 153) }
```

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

```
.border{ border-color:rgb(181, 212, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 212, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 212, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 212, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 212,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 153, 212, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 212, 153) }
```

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

```
.background{ background-color: rgb(181,  
212, 153) }
```

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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