

Converting Colors

`RYB(145, 191, 151)`

Have a look what the booklet for
RYB(145, 191, 151) contains.

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Color

R_YB(145, 191, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B9BF91
RGB	185, 191, 145
RGB Percent	73%, 75%, 57%
CMY	0.2745, 0.2510, 0.4314
CMYK	0.03, 0.00, 0.24, 0.25
HSL	68°, 26%, 66%
HSV	68°, 24%, 75%
XYZ	43.7492, 49.6202, 34.0599
YIQ	183.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

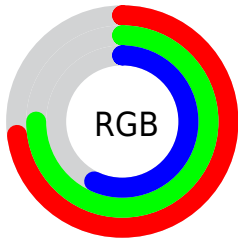
Format	Color
RYB	145, 191, 151
Decimal	12173201
CIELab	75.84, -9.79, 22.57
CIELCh	76, 24.603, 113.447
Yxy	49.6202, 0.3433, 0.3894
Android (android.graphics.Color)	4290363281 (0xFFB9BF91)
YUV	183.9620, -19.2083, 0.9103
Hunter-Lab	70.4416, -12.4117, 20.6413

Details

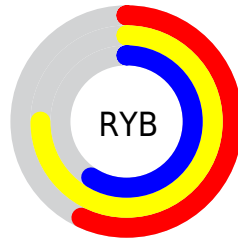
The RYB color **145, 191, 151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **151, 145, 191**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **199, 247, 205**, and **94, 138, 101** is the 20% darker color. If you saturate the color by 10%, you get **126, 191, 134**, and if you desaturate by 10%, it is **164, 191, 168**.

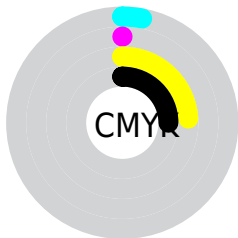
Distribution



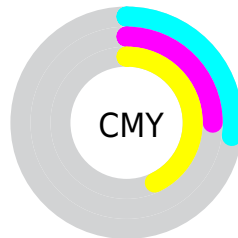
- Red (73%)
- Green (75%)
- Blue (57%)



- Red (57%)
- Yellow (75%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 191, 151 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 145, 191, 151 by changing the saturation by 10% instead.

 145, 191, 151


255, 255, 255


 199, 247, 205

 227, 255, 227

 145, 191, 151


 119, 164, 125

 94, 138, 101

 70, 112, 76

 47, 88, 54

 26, 65, 33

 1, 43, 8

 0, 23, 16

 0, 0, 0

 145, 191, 151

 145, 191, 151

■ 126, 191, 134

■ 164, 191, 168

■ 107, 191, 118

■ 183, 191, 184

■ 88, 191, 101

■ 192, 191, 202

■ 69, 191, 85

■ 195, 191, 221

■ 49, 191, 67

■ 197, 191, 241

■ 30, 191, 51

■ 200, 191, 255

■ 11, 191, 34

■ 202, 191, 255

■ 0, 191, 25

■ 205, 191, 255

■ 207, 191, 255

Harmonies

Analogous

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



182, 209, 142



145, 191, 151



159, 197, 197

Triad

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



145, 191, 151



129, 168, 223



229, 171, 193

Complementary

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



145, 191, 151



151, 145, 191

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.



211, 175, 214



145, 191, 151



153, 179, 231

Square

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



145, 191, 151



122, 162, 204



184, 183, 228



234, 171, 170

Rectangle

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



145, 191, 151



143, 179, 199



184, 183, 228



224, 172, 200

Sweetspot

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



145, 191, 151



230, 247, 232



191, 151, 145



115, 125, 116



252, 252, 252



125, 125, 125

Same Dimension

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



145, 191, 151



176, 247, 185



145, 191, 173



85, 94, 86



0, 158, 21



0, 31, 4

Inverse Universe

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



151, 145, 191



185, 176, 247



173, 145, 191



86, 85, 94



21, 0, 158



4, 0, 31

Previews

White Background



This preview shows how the RYB color 145, 191, 151 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 145, 191, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

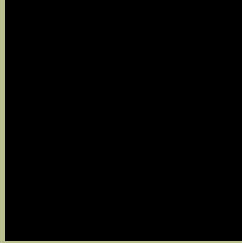
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

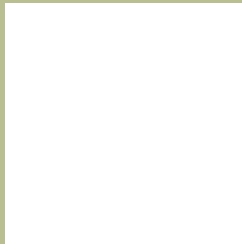
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 145, 191, 151 Background



This preview shows how black text looks on a background with the RYB color 145, 191, 151.



This preview shows how white text looks on a background with the RYB color 145, 191, 151.

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
145, 191, 151

Protanopia
162, 200, 143

Deuteranopia
218, 205, 147



Tritanopia

192, 184, 198

Trichromacy



Original Color
145, 191, 151

Protanomaly
152, 195, 144

Deuteranomaly
183, 206, 146

Tritanomaly
182, 189, 179

Monochromacy



Original Color
145, 191, 151

Achromatopsia
184, 184, 184

Achromatomaly
170, 187, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 191, 151 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(185, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(185, 191, 145)  
}
```

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(185, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 191, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 191, 151 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(185, 191, 145) }
```

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

```
.border{ border-color:rgb(185, 191, 145) }
```

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

Here you see how a box with a 4 pixel rgb(185, 191, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 191, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 191, 145);  
box-shadow:4px 4px 4px 4px rgb(185, 191,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 191, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 191, 145) }
```

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

```
.background{ background-color: rgb(185,  
191, 145) }
```

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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