

Converting Colors

`RYB(113, 195, 131)`

Have a look what the booklet for
RYB(113, 195, 131) contains.

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Color

$\text{RYB}(113, 195, 131)$

Conversions

Conversions Part 1

Format	Color
Hex	B1C371
RGB	177, 195, 113
RGB Percent	69%, 76%, 44%
CMY	0.3059, 0.2353, 0.5569
CMYK	0.09, 0.00, 0.42, 0.24
HSL	73°, 41%, 60%
HSV	73°, 42%, 76%
XYZ	40.6272, 49.5696, 23.0494
YIQ	180.2700, 15.5940, -29.3180

Conversions

Conversions Part 2

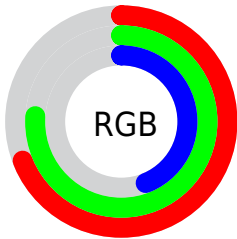
Format	Color
RYB	113, 195, 131
Decimal	11649905
CIELab	75.80, -19.07, 39.09
CIElCh	76, 43.489, 116.002
Yxy	49.5696, 0.3588, 0.4377
Android (android.graphics.Color)	4289839985 (0xFFB1C371)
YUV	180.2700, -33.1641, -2.8678
Hunter-Lab	70.4057, -20.2075, 29.8736

Details

The RYB color **113, 195, 131** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **131, 113, 195**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **166, 252, 184**, and **63, 141, 81** is the 20% darker color. If you saturate the color by 10%, you get **93, 195, 115**, and if you desaturate by 10%, it is **133, 195, 147**.

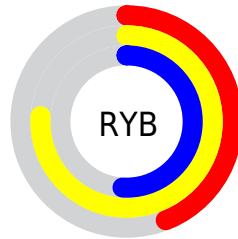
Distribution



Red (69%)

Green (76%)

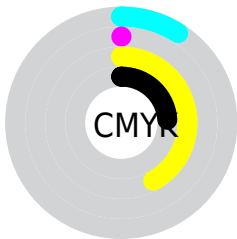
Blue (44%)



Red (44%)

Yellow (76%)

Blue (51%)

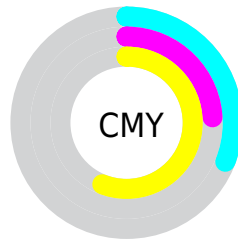


Cyan (9%)

Magenta (0%)

Yellow (42%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 195, 131 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 113, 195, 131 by changing the saturation by 10% instead.

 113, 195, 131


255, 255, 255


 166, 252, 184


 194, 255, 194

 222, 255, 222

 251, 255, 251

 113, 195, 131

 88, 168, 106

 63, 141, 81

 38, 116, 57

 12, 91, 31


 0, 68, 20

 0, 45, 22

 0, 27, 27

 0, 0, 0

 113, 195, 131

 113, 195, 131

■ 93, 195, 115

■ 133, 195, 147

■ 74, 195, 101

■ 152, 195, 161

■ 55, 195, 86

■ 171, 195, 176

■ 35, 195, 70

■ 191, 195, 192

■ 16, 195, 55

■ 198, 195, 210

■ 0, 195, 43

■ 203, 195, 230

■ 207, 195, 249

■ 211, 195, 255

■ 216, 195, 255

Harmonies

Analogous

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



155, 217, 106



113, 195, 131



129, 194, 204

Triad

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



113, 195, 131



7, 116, 252



255, 155, 194

Complementary

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



113, 195, 131



131, 113, 195

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.



232, 164, 232



113, 195, 131



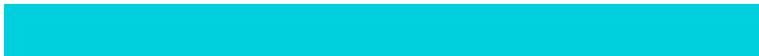
116, 165, 255

Square

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



113, 195, 131



0, 107, 221



183, 178, 255



255, 157, 154

Rectangle

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



113, 195, 131



92, 162, 207



183, 178, 255



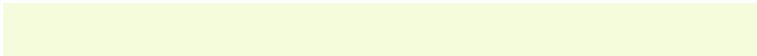
253, 157, 207

Sweetspot

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



113, 195, 131



220, 252, 227



195, 136, 113



107, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



113, 195, 131



126, 252, 153



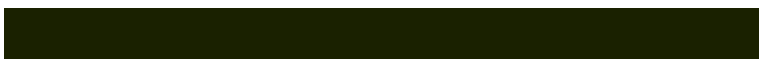
113, 195, 172



87, 97, 89



0, 161, 36



0, 33, 7

Inverse Universe

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



131, 113, 195



154, 126, 252



172, 113, 195



89, 87, 97



35, 0, 161



7, 0, 33

Previews

White Background



This preview shows how the RYB color 113, 195, 131 looks on a white background.

Color Contrast Check

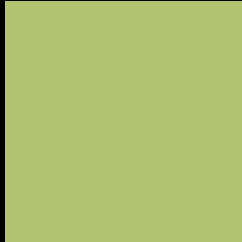
Large Text (above 18pt) WCAG AA × Fail

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 113, 195, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

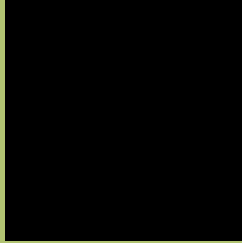
Any Text WCAG AA ✓ Pass

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](#).

R Y B 113, 195, 131 Background



This preview shows how black text looks on a background with the RYB color 113, 195, 131.

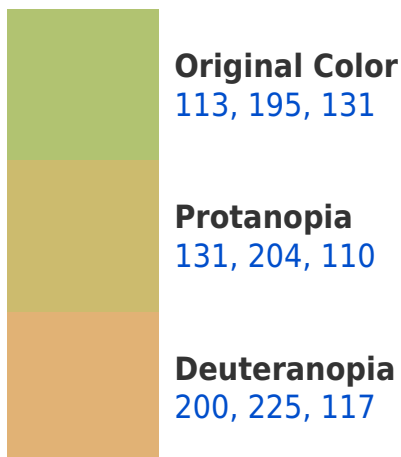



This preview shows how white text looks on a background with the RYB color 113, 195, 131.

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
188, 185, 199

Trichromacy



Original Color
113, 195, 131

Protanomaly
115, 194, 111

Deuteranomaly
148, 208, 116

Tritanomaly
168, 189, 173

Monochromacy



Original Color
113, 195, 131

Achromatopsia
180, 180, 180

Achromatomaly
156, 185, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 195, 131 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(177, 195, 113)` looks like.

```
.text, #text, p{  
    color:rgb(177, 195, 113)  
}
```

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(177, 195, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 113) }
```

Border

The CSS property to change the border of an element to RYB 113, 195, 131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

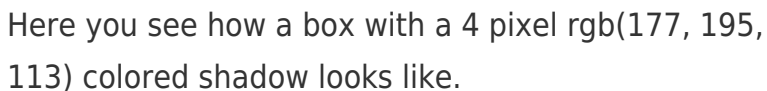
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 195, 113) }
```

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

```
.border{ border-color:rgb(177, 195, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 195, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 195, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 195, 113); box-shadow:4px 4px 4px 4px rgb(177, 195, 113) }
```

Background

The CSS property to change the background color of an element to RYB 113, 195, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 113) }
```

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

```
.background{ background-color: rgb(177,  
195, 113) }
```

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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