

Converting Colors

`RYB(131, 193, 150)`

Have a look what the booklet for
RYB(131, 193, 150) contains.

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Color

R_YB(131, 193, 150)

Conversions

Conversions Part 1

Format	Color
Hex	AEC183
RGB	174, 193, 131
RGB Percent	68%, 76%, 51%
CMY	0.3176, 0.2431, 0.4863
CMYK	0.10, 0.00, 0.32, 0.24
HSL	78°, 33%, 64%
HSV	78°, 32%, 76%
XYZ	40.6223, 48.7773, 28.7467
YIQ	180.2510, 8.5780, -23.3100

Conversions

Conversions Part 2

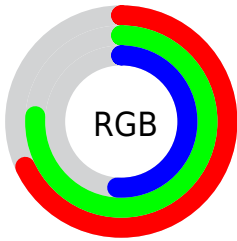
Format	Color
RYB	131, 193, 150
Decimal	11452803
CIELab	75.31, -16.96, 29.13
CIELCh	75, 33.710, 120.209
Yxy	48.7773, 0.3438, 0.4129
Android (android.graphics.Color)	4289642883 (0xFFAEC183)
YUV	180.2510, -24.2807, -5.4821
Hunter-Lab	69.8407, -18.3983, 24.4846

Details

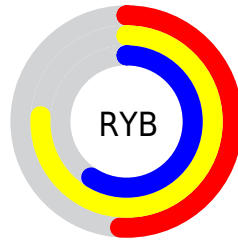
The RYB color **131, 193, 150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150, 131, 193**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **185, 249, 204**, and **81, 139, 99** is the 20% darker color. If you saturate the color by 10%, you get **112, 193, 137**, and if you desaturate by 10%, it is **150, 193, 163**.

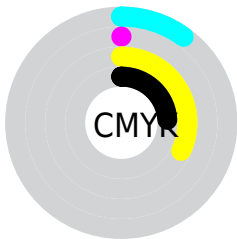
Distribution



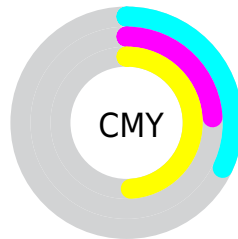
- Red (68%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)




- Cyan (32%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 193, 150 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 131, 193, 150 by changing the saturation by 10% instead.


 131, 193, 150

255, 255, 255


 185, 249, 204


 212, 255, 212

 241, 255, 241


 131, 193, 150

 105, 166, 124

 81, 139, 99

 57, 114, 76


 34, 89, 52


 11, 66, 30

 0, 44, 18

 0, 25, 25

 0, 0, 0

 131, 193, 150

 131, 193, 150

■ 112, 193, 137

■ 150, 193, 163

■ 92, 193, 123

■ 170, 193, 177

■ 73, 193, 110

■ 189, 193, 190

■ 54, 193, 97

■ 198, 193, 208

■ 34, 193, 83

■ 204, 193, 227

■ 15, 193, 69

■ 209, 193, 247

■ 0, 193, 59

■ 215, 193, 255

■ 221, 193, 255

■ 227, 193, 255

Harmonies

Analogous

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



155, 207, 123



131, 193, 150



138, 187, 200

Triad

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



131, 193, 150



100, 157, 239



244, 162, 186

Complementary

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



131, 193, 150



150, 131, 193

Split Complementary

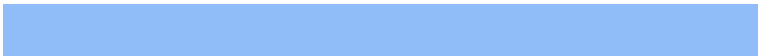
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 167, 217



131, 193, 150



144, 175, 247

Square

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



131, 193, 150



81, 145, 216



190, 177, 239



246, 166, 156

Rectangle

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



131, 193, 150



113, 166, 202



190, 177, 239



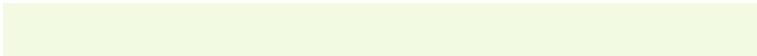
240, 163, 197

Sweetspot

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



131, 193, 150



225, 250, 233



193, 158, 131



110, 125, 115



252, 252, 252



125, 125, 125

Same Dimension

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



131, 193, 150



152, 250, 182



131, 193, 181



87, 97, 90



0, 161, 50



0, 33, 10

Inverse Universe

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



150, 131, 193



182, 152, 250



181, 131, 193



90, 87, 97



49, 0, 161



10, 0, 33

Previews

White Background



This preview shows how the RYB color 131, 193, 150 looks on a white background.

Color Contrast Check

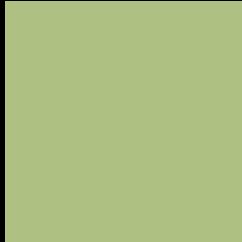
Large Text (above 18pt) WCAG AA × Fail

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 131, 193, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

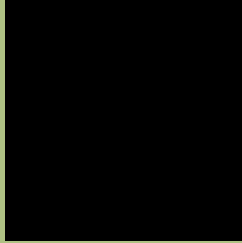
Any Text WCAG AA ✓ Pass

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 131, 193, 150 Background



This preview shows how black text looks on a background with the RYB color 131, 193, 150.




This preview shows how white text looks on a background with the RYB color 131, 193, 150.

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
183, 184, 199

Trichromacy



Original Color
131, 193, 150

Protanomaly
132, 191, 129

Deuteranomaly
161, 203, 133

Tritanomaly
174, 187, 181

Monochromacy



Original Color
131, 193, 150

Achromatopsia
180, 180, 180

Achromatomaly
162, 185, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 193, 150 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(174, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 131)  
}
```

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(174, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 193, 150 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(174, 193, 131) }
```

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

```
.border{ border-color:rgb(174, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 193, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 131) }
```

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

```
.background{ background-color: rgb(174,  
193, 131) }
```

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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