

Converting Colors

`RYB(150, 196, 161)`

Have a look what the booklet for
RYB(150, 196, 161) contains.

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Color

R_YB(150, 196, 161)

Conversions

Conversions Part 1

Format	Color
Hex	B9C496
RGB	185, 196, 150
RGB Percent	73%, 77%, 59%
CMY	0.2745, 0.2314, 0.4118
CMYK	0.06, 0.00, 0.23, 0.23
HSL	74°, 28%, 68%
HSV	74°, 23%, 77%
XYZ	45.2525, 51.9962, 36.5054
YIQ	187.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

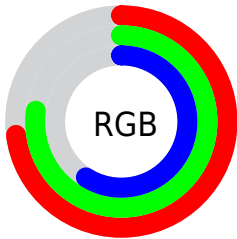
Format	Color
RYB	150, 196, 161
Decimal	12174486
CIELab	77.28, -11.64, 21.88
CIELCh	77, 24.786, 118.002
Yxy	51.9962, 0.3383, 0.3887
Android (android.graphics.Color)	4290364566 (0xFFB9C496)
YUV	187.4670, -18.4712, -2.1636
Hunter-Lab	72.1084, -14.1696, 20.4599

Details

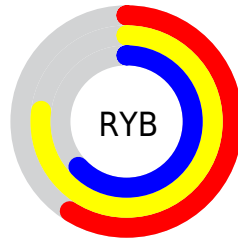
The RYB color **150, 196, 161** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161, 150, 196**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **204, 253, 216**, and **99, 142, 109** is the 20% darker color. If you saturate the color by 10%, you get **130, 196, 146**, and if you desaturate by 10%, it is **170, 196, 176**.

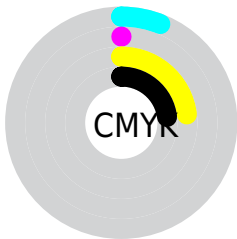
Distribution



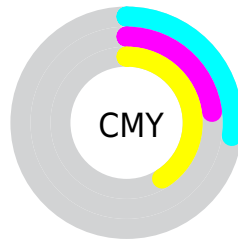
- Red (73%)
- Green (77%)
- Blue (59%)



- Red (59%)
- Yellow (77%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)




- Cyan (27%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 196, 161 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 150, 196, 161 by changing the saturation by 10% instead.


 150, 196, 161


255, 255, 255


 204, 253, 216

 233, 255, 233

 150, 196, 161

 124, 169, 135

 99, 142, 109

 75, 117, 86


 52, 92, 63


 30, 69, 41

 7, 46, 17

 0, 26, 15


 0, 0, 0

 150, 196, 161


 150, 196, 161

 130, 196, 146


 170, 196, 176

 111, 196, 131


 189, 196, 191

 91, 196, 116


 199, 196, 209

 72, 196, 102


 204, 196, 228


 52, 196, 86


 208, 196, 248


 32, 196, 71

 213, 196, 255

 13, 196, 57

 218, 196, 255

 0, 196, 47

 222, 196, 255

 227, 196, 255

Harmonies

Analogous

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



176, 210, 145



150, 196, 161



159, 195, 201

Triad

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



150, 196, 161



135, 173, 229



235, 175, 193

Complementary

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



150, 196, 161



161, 150, 196

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.



219, 178, 216



150, 196, 161



161, 183, 236

Square

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



150, 196, 161



125, 166, 212



193, 186, 231



238, 177, 170

Rectangle

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



150, 196, 161



143, 180, 203



193, 186, 231



231, 175, 201

Sweetspot

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



150, 196, 161



237, 255, 241



196, 164, 150



117, 128, 120



0, 0, 0



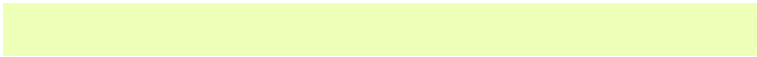
128, 128, 128

Same Dimension

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



150, 196, 161



184, 255, 201



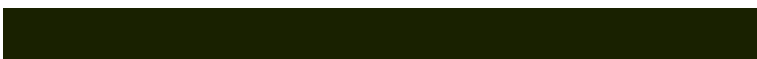
150, 196, 184



87, 97, 89



0, 161, 39



0, 33, 8

Inverse Universe

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



161, 150, 196



201, 184, 255



184, 150, 196



90, 87, 97



38, 0, 161



8, 0, 33

Previews

White Background



This preview shows how the RYB color 150, 196, 161 looks on a white background.

Color Contrast Check

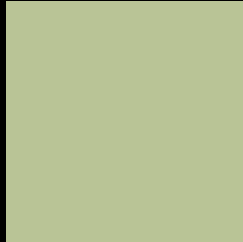
Large Text (above 18pt) WCAG AA × Fail

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 150, 196, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

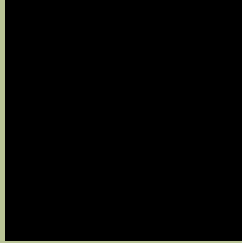
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

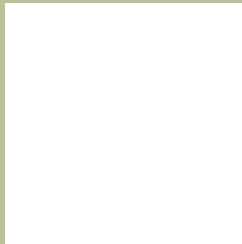
Any Text WCAG AAA ✓ Pass

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

RYB 150, 196, 161 Background



This preview shows how black text looks on a background with the RYB color 150, 196, 161.



This preview shows how white text looks on a background with the RYB color 150, 196, 161.

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
150, 196, 161

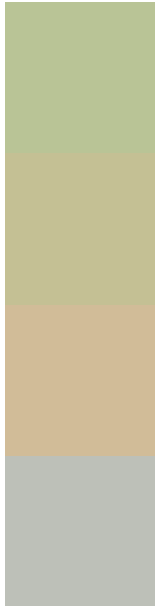
Protanopia
164, 203, 147

Deuteranopia
222, 206, 153



Tritanopia
192, 189, 204

Trichromacy



Original Color

150, 196, 161

Protanomaly

152, 196, 148

Deuteranomaly

185, 209, 152

Tritanomaly

184, 192, 187

Monochromacy



Original Color

150, 196, 161

Achromatopsia

187, 187, 187

Achromatomaly

174, 190, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 196, 185 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, 196, 150) looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 150)  
}
```

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, 196, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 196, 161 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, 196, 150) }
```

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

```
.border{ border-color:rgb(185, 196, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 150);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 196, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 150) }
```

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

```
.background{ background-color: rgb(185,  
196, 150) }
```

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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