

Converting Colors

`RYB(161, 195, 163)`

Have a look what the booklet for
RYB(161, 195, 163) contains.

RYB(161, 195, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(161, 195, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C1C3A1
RGB	193, 195, 161
RGB Percent	76%, 76%, 63%
CMY	0.2431, 0.2353, 0.3686
CMYK	0.01, 0.00, 0.17, 0.24
HSL	64°, 22%, 70%
HSV	64°, 17%, 76%
XYZ	47.9404, 52.9409, 41.4101
YIQ	190.5260, 9.7220, -10.9980

Conversions

Conversions Part 2

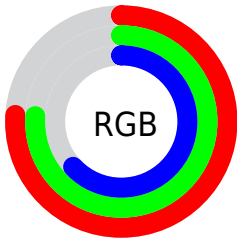
Format	Color
RYB	161, 195, 163
Decimal	12698529
CIELab	77.84, -6.48, 16.89
CIELCh	78, 18.089, 110.977
Yxy	52.9409, 0.3369, 0.3721
Android (android.graphics.Color)	4290888609 (0xFFC1C3A1)
YUV	190.5260, -14.5563, 2.1697
Hunter-Lab	72.7605, -9.7207, 17.1887

Details

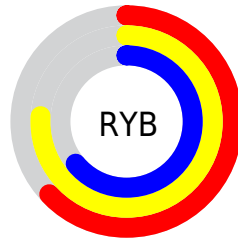
The RYB color **161, 195, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 161, 195**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **216, 252, 218**, and **109, 141, 111** is the 20% darker color. If you saturate the color by 10%, you get **142, 195, 145**, and if you desaturate by 10%, it is **181, 195, 182**.

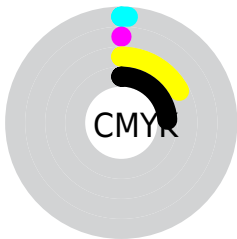
Distribution



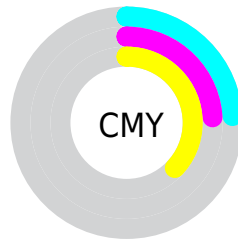
- Red (76%)
- Green (76%)
- Blue (63%)



- Red (63%)
- Yellow (76%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)




- Cyan (24%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 195, 163 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 161, 195, 163 by changing the saturation by 10% instead.

 161, 195, 163

255, 255, 255

 216, 252, 218

 244, 255, 244

 161, 195, 163

 135, 168, 137

 109, 141, 111

 85, 116, 87


 62, 91, 64


 39, 68, 42


 19, 46, 22


 0, 25, 3


 0, 0, 0

 161, 195, 163

 161, 195, 163

 142, 195, 145

 181, 195, 182

 122, 195, 126

 195, 195, 200

 103, 195, 108

 196, 195, 219


 83, 195, 90

 198, 195, 239


 64, 195, 72


 199, 195, 255

 44, 195, 53


 200, 195, 255

 24, 195, 34

 201, 195, 255

 5, 195, 16

 202, 195, 255

 0, 195, 11

 203, 195, 255

Harmonies

Analogous

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



196, 211, 160



161, 195, 163



171, 199, 196

Triad

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



161, 195, 163



152, 180, 218



223, 181, 198

Complementary

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



161, 195, 163



163, 161, 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.



209, 185, 214



161, 195, 163



168, 186, 225

Square

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



161, 195, 163



148, 175, 204



189, 190, 224



228, 181, 181

Rectangle

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



161, 195, 163



162, 188, 201



189, 190, 224



220, 182, 204

Sweetspot

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



161, 195, 163



240, 252, 240



195, 163, 161



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



161, 195, 163



199, 252, 202



161, 195, 180



87, 97, 88



0, 161, 10



0, 33, 2

Inverse Universe

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



163, 161, 195



203, 199, 252



180, 161, 195



88, 87, 97



9, 0, 161



2, 0, 33

Previews

White Background



This preview shows how the RYB color 161, 195, 163 looks on a white background.

Color Contrast Check

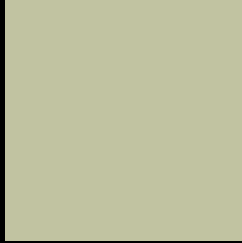
Large Text (above 18pt) WCAG AA × Fail

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 161, 195, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

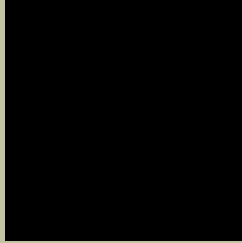
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

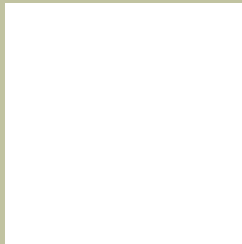
Any Text WCAG AAA ✓ Pass

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

RYB 161, 195, 163 Background



This preview shows how black text looks on a background with the RYB color 161, 195, 163.



This preview shows how white text looks on a background with the RYB color 161, 195, 163.

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
161, 195, 163

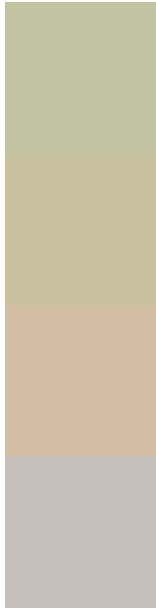
Protanopia
174, 203, 159

Deuteranopia
221, 198, 163



Tritanopia
199, 189, 204

Trichromacy



Original Color
161, 195, 163

Protanomaly
167, 199, 160

Deuteranomaly
202, 211, 162

Tritanomaly
197, 193, 188

Monochromacy



Original Color
161, 195, 163

Achromatopsia
191, 191, 191

Achromatomaly
180, 192, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 195, 163 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(193, 195, 161) looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 161)  
}
```

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(193, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 195, 163 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(193, 195, 161) }
```

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

```
.border{ border-color:rgb(193, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 195, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 195, 161); box-shadow:4px 4px 4px 4px rgb(193, 195, 161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 195, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 161) }
```

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

```
.background{ background-color: rgb(193,  
195, 161) }
```

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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