

Converting Colors

`RYB(161, 198, 159)`

Have a look what the booklet for
RYB(161, 198, 159) contains.

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Color

R_YB(161, 198, 159)

Conversions

Conversions Part 1

Format	Color
Hex	C6C49F
RGB	198, 196, 159
RGB Percent	78%, 77%, 62%
CMY	0.2235, 0.2310, 0.3765
CMYK	0.00, 0.01, 0.20, 0.22
HSL	57°, 25%, 70%
HSV	57°, 20%, 78%
XYZ	49.3087, 54.0329, 40.6314
YIQ	192.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

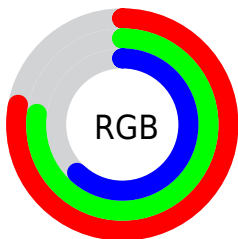
Format	Color
RYB	161, 198, 159
Decimal	13026463
CIELab	78.48, -5.49, 18.91
CIElCh	78, 19.689, 106.182
Yxy	54.0329, 0.3425, 0.3753
Android (android.graphics.Color)	4291216543 (0xFFC6C49F)
YUV	192.3800, -16.4563, 4.9287
Hunter-Lab	73.5070, -8.8992, 18.6821

Details

The RYB color **161, 198, 159** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **159, 161, 198**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **216, 255, 214**, and **109, 144, 107** is the 20% darker color. If you saturate the color by 10%, you get **142, 198, 139**, and if you desaturate by 10%, it is **180, 198, 179**.

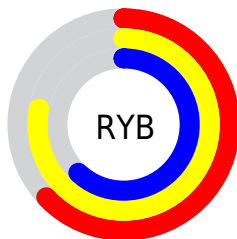
Distribution



Red (78%)

Green (77%)

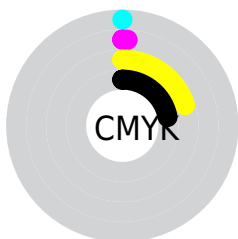
Blue (62%)



Red (63%)

Yellow (78%)

Blue (62%)

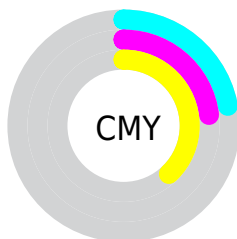


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (23%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 198, 159 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, 198, 159 by changing the saturation by 10% instead.

 161, 198, 159

255, 255, 255

 216, 255, 214


 242, 255, 242

 161, 198, 159

 135, 171, 133

 109, 144, 107

 84, 118, 83


 61, 93, 60


 38, 69, 38

 17, 47, 18

 0, 26, 0

 0, 0, 0


 161, 198, 159


 161, 198, 159


 142, 198, 139

 180, 198, 179

 123, 198, 119

 198, 198, 199

 105, 198, 100

 198, 199, 218

 86, 198, 80

 198, 200, 238

 67, 198, 60

 198, 201, 255

 48, 198, 40


 198, 202, 255

 29, 198, 20

 198, 203, 255

 12, 198, 1

 198, 203, 255

 11, 198, 0

 198, 204, 255

Harmonies

Analogous

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



210, 217, 159



161, 198, 159



168, 201, 192

Triad

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



161, 198, 159



148, 179, 220



226, 182, 203

Complementary

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



161, 198, 159



159, 161, 198

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, 186, 220



161, 198, 159



163, 186, 229

Square

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



161, 198, 159



146, 176, 205



187, 191, 229



233, 182, 185

Rectangle

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



161, 198, 159



164, 192, 203



187, 191, 229



221, 183, 209

Sweetspot

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



161, 198, 159



241, 255, 240



198, 159, 161



120, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



161, 198, 159



197, 255, 194



159, 198, 177



90, 99, 90



8, 163, 0



2, 36, 0

Inverse Universe

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



159, 161, 198



194, 197, 255



177, 159, 198



90, 90, 99



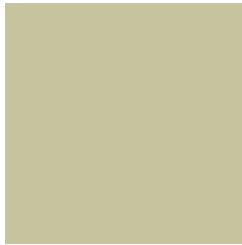
0, 8, 163



0, 2, 36

Previews

White Background



This preview shows how the RYB color 161, 198, 159 looks on a white background.

Color Contrast Check

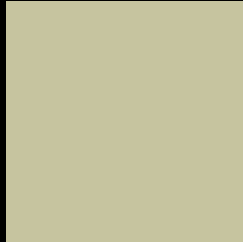
Large Text (above 18pt) WCAG AA × Fail

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, 198, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

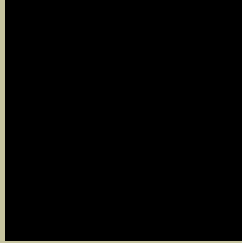
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

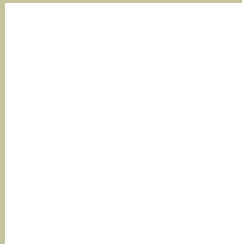
Any Text WCAG AAA ✓ Pass

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

RYB 161, 198, 159 Background



This preview shows how black text looks on a background with the RYB color 161, 198, 159.



This preview shows how white text looks on a background with the RYB color 161, 198, 159.

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, 198, 159

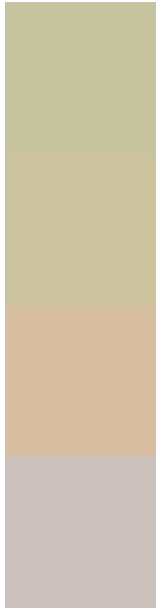
Protanopia
174, 206, 158

Deuteranopia
224, 205, 161



Tritanopia
204, 190, 205

Trichromacy



Original Color
161, 198, 159

Protanomaly
168, 203, 158

Deuteranomaly
206, 215, 160

Tritanomaly
202, 194, 188

Monochromacy



Original Color
161, 198, 159

Achromatopsia
192, 192, 192

Achromatomaly
181, 194, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 198, 159 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(198, 196, 159) looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 159)  
}
```

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(198, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 159) }
```

Border

The CSS property to change the border of an element to RYB 161, 198, 159 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(198, 196, 159) }
```

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

```
.border{ border-color:rgb(198, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 161, 198, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 159) }
```

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

```
.background{ background-color: rgb(198,  
196, 159) }
```

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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