

Converting Colors

`RYB(155, 193, 163)`

Have a look what the booklet for
RYB(155, 193, 163) contains.

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Color

R_YB(155, 193, 163)

Conversions

Conversions Part 1

Format	Color
Hex	B9C19B
RGB	185, 193, 155
RGB Percent	73%, 76%, 61%
CMY	0.2745, 0.2431, 0.3922
CMYK	0.04, 0.00, 0.20, 0.24
HSL	73°, 23%, 68%
HSV	73°, 20%, 76%
XYZ	44.9939, 50.8208, 38.4483
YIQ	186.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

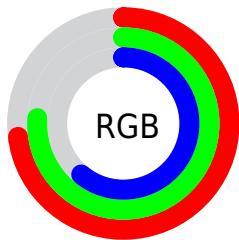
Format	Color
RYB	155, 193, 163
Decimal	12173723
CIELab	76.57, -9.33, 18.24
CIELCh	77, 20.488, 117.088
Yxy	50.8208, 0.3351, 0.3785
Android (android.graphics.Color)	4290363803 (0xFFB9C19B)
YUV	186.2760, -15.4191, -1.1191
Hunter-Lab	71.2887, -12.0947, 17.9251

Details

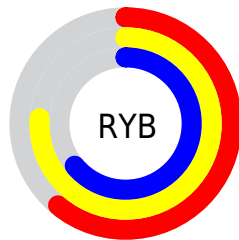
The RYB color **155, 193, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 155, 193**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **210, 249, 218**, and **104, 140, 112** is the 20% darker color. If you saturate the color by 10%, you get **136, 193, 148**, and if you desaturate by 10%, it is **174, 193, 178**.

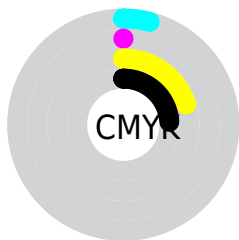
Distribution



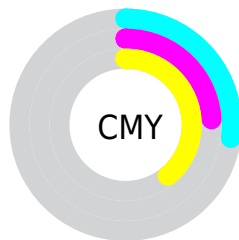
- Red (73%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 193, 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 155, 193, 163 by changing the saturation by 10% instead.

 155, 193, 163


255, 255, 255

 210, 249, 218

 238, 255, 238

 155, 193, 163


 129, 166, 137

 104, 140, 112

 79, 114, 87

 56, 90, 64


 34, 66, 42

 13, 44, 21


 0, 24, 12

 0, 0, 0

 155, 193, 163


 155, 193, 163


 136, 193, 148


 174, 193, 178


 116, 193, 132

 193, 193, 194

 97, 193, 117

 197, 193, 213

 78, 193, 102


 201, 193, 232

 58, 193, 86


 205, 193, 251

 39, 193, 71


 209, 193, 255

 20, 193, 56

 213, 193, 255

 1, 193, 42

 218, 193, 255

 0, 193, 41

 222, 193, 255

Harmonies

Analogous

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



178, 205, 151



155, 193, 163



163, 194, 198

Triad

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



155, 193, 163



145, 175, 220



225, 176, 191

Complementary

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



155, 193, 163



163, 155, 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.



212, 179, 210



155, 193, 163



165, 183, 226

Square

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



155, 193, 163



137, 169, 205



190, 185, 223



228, 177, 173

Rectangle

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



155, 193, 163



151, 181, 199



190, 185, 223



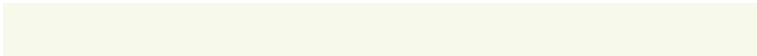
222, 176, 198

Sweetspot

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



155, 193, 163



235, 250, 238



193, 165, 155



116, 125, 118



252, 252, 252



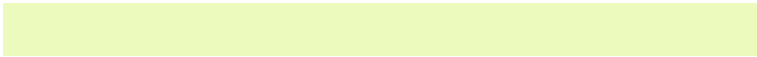
125, 125, 125

Same Dimension

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



155, 193, 163



190, 250, 203



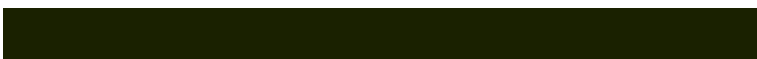
155, 193, 182



87, 97, 89



0, 161, 34



0, 33, 7

Inverse Universe

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



163, 155, 193



203, 190, 250



182, 155, 193



89, 87, 97



34, 0, 161



7, 0, 33

Previews

White Background



This preview shows how the RYB color 155, 193, 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 155, 193, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

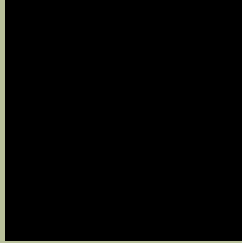
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

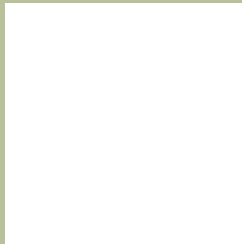
Any Text WCAG AAA ✓ Pass

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

RYB 155, 193, 163 Background



This preview shows how black text looks on a background with the RYB color 155, 193, 163.



This preview shows how white text looks on a background with the RYB color 155, 193, 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
155, 193, 163

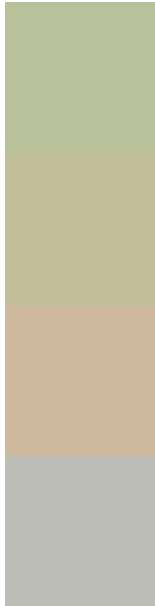
Protanopia
169, 200, 153

Deuteranopia
218, 197, 157



Tritanopia
191, 187, 201

Trichromacy



Original Color
155, 193, 163

Protanomaly
160, 195, 154

Deuteranomaly
192, 206, 156

Tritanomaly
184, 189, 184

Monochromacy



Original Color
155, 193, 163

Achromatopsia
186, 186, 186

Achromatomaly
175, 189, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 193, 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(185, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 155)  
}
```

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, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 193, 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(185, 193, 155) }
```

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

```
.border{ border-color:rgb(185, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 193, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 155) }
```

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

```
.background{ background-color: rgb(185,  
193, 155) }
```

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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