

Converting Colors

RGB(151, 190, 161)

Have a look what the booklet for
RGB(151, 190, 161) contains.

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Color

RGB(151, 190, 161)

Conversions

Conversions Part 1

Format	Color
Hex	97BEA1
RGB	151, 190, 161
RGB Percent	59%, 75%, 63%
CMY	0.4078, 0.2549, 0.3686
CMYK	0.21, 0.00, 0.15, 0.25
HSL	135°, 23%, 67%
HSV	135°, 21%, 75%
XYZ	37.6090, 45.9794, 40.6109
YIQ	175.0330, -13.9350, -17.2870

Conversions

Conversions Part 2

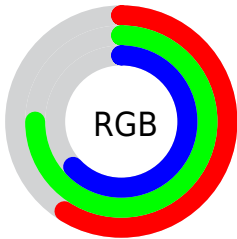
Format	Color
RYB	151, 182, 190
Decimal	9944737
CIELab	73.53, -18.84, 10.40
CIELCh	74, 21.520, 151.099
Yxy	45.9794, 0.3028, 0.3702
Android (android.graphics.Color)	4288134817 (0xFF97BEA1)
YUV	175.0330, -6.9183, -21.0769
Hunter-Lab	67.8081, -19.6613, 11.9564

Details

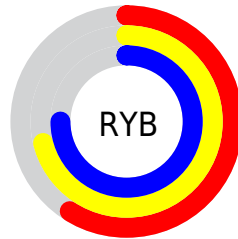
The RGB color **151, 190, 161** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 151, 180**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **206, 246, 216**, and **99, 136, 109** is the 20% darker color. If you saturate the color by 10%, you get **132, 190, 147**, and if you desaturate by 10%, it is **170, 190, 175**.

Distribution



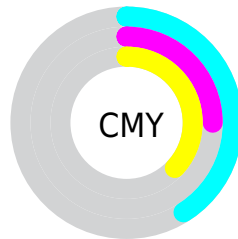
- Red (59%)
- Green (75%)
- Blue (63%)



- Red (59%)
- Yellow (71%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (41%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 190, 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 RGB color 151, 190, 161 by changing the saturation by 10% instead.

 151, 190, 161


255, 255, 255

 206, 246, 216


 234, 255, 244

 151, 190, 161

 125, 163, 135

 99, 136, 109

 75, 111, 85


 51, 86, 62


 28, 63, 40

 5, 41, 19


 0, 21, 0


 0, 0, 0

 151, 190, 161


 151, 190, 161

 132, 190, 147


 170, 190, 175

 113, 190, 133

 189, 190, 189

 94, 190, 119

 208, 190, 203


 75, 190, 104

 227, 190, 218

 56, 190, 90


 246, 190, 232

 37, 190, 76

 255, 190, 246

 18, 190, 62

 255, 190, 255

 0, 190, 49

Harmonies

Analogous

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



173, 186, 147



151, 190, 161



133, 192, 181

Triad

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



151, 190, 161



159, 182, 220



221, 168, 161

Complementary

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



151, 190, 161



190, 151, 180

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.



220, 167, 181



151, 190, 161



185, 175, 214

Square

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



151, 190, 161



136, 188, 215



207, 169, 200



212, 173, 147

Rectangle

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



151, 190, 161



127, 192, 194



207, 169, 200



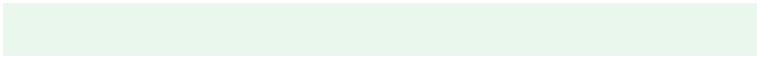
222, 167, 167

Sweetspot

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



151, 190, 161



233, 247, 236



180, 190, 151



116, 125, 118



252, 252, 252



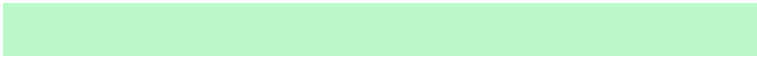
125, 125, 125

Same Dimension

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



151, 190, 161



186, 247, 201



151, 190, 180



85, 94, 87



0, 158, 41



0, 31, 8

Inverse Universe

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



190, 151, 180



247, 186, 231



190, 151, 161



94, 85, 92



158, 0, 118



31, 0, 23

Previews

White Background



This preview shows how the RGB color 151, 190, 161 looks on a white background.

Color Contrast Check

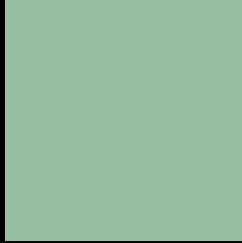
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 151, 190, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

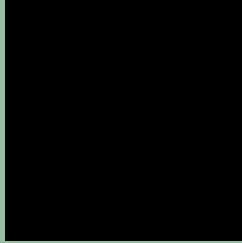
Any Text WCAG AA ✓ Pass

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](#).

RGB 151, 190, 161 Background



This preview shows how black text looks on a background with the RGB color 151, 190, 161.

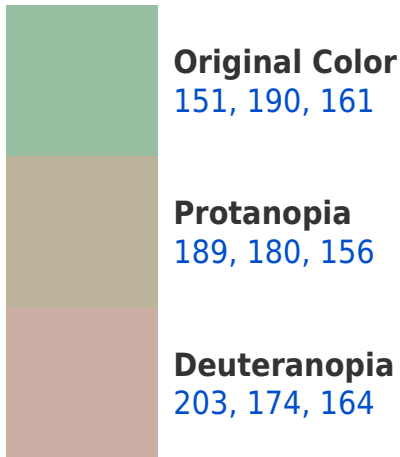


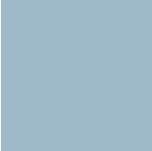
This preview shows how white text looks on a background with the RGB color 151, 190, 161.

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





Tritanopia
158, 185, 199

Trichromacy



Original Color
151, 190, 161

Protanomaly
175, 184, 158

Deuteranomaly
184, 180, 163

Tritanomaly
155, 187, 185

Monochromacy



Original Color
151, 190, 161

Achromatopsia
175, 175, 175

Achromatomaly
166, 180, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 190, 161 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(151, 190, 161)` looks like.

```
.text, #text, p{  
    color:rgb(151, 190, 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(151, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 190, 161) }
```

Border

The CSS property to change the border of an element to RGB 151, 190, 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(151, 190, 161) }
```

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

```
.border{ border-color:rgb(151, 190, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 190, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(151, 190,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 151, 190, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 190, 161) }
```

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

```
.background{ background-color: rgb(151,  
190, 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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