

Converting Colors

`RYB(157, 195, 202)`

Have a look what the booklet for
RYB(157, 195, 202) contains.

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Color

R_YB(157, 195, 202)

Conversions

Conversions Part 1

Format	Color
Hex	9DCAA5
RGB	157, 202, 165
RGB Percent	62%, 79%, 65%
CMY	0.3843, 0.2078, 0.3518
CMYK	0.22, 0.00, 0.18, 0.21
HSL	131°, 30%, 70%
HSV	131°, 22%, 79%
XYZ	41.8431, 52.1363, 43.5936
YIQ	184.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

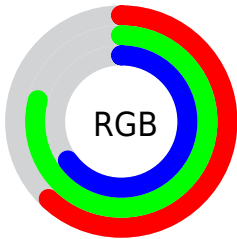
Format	Color
RYB	157, 195, 202
Decimal	10341029
CIELab	77.36, -22.06, 13.56
CIElCh	77, 25.896, 148.417
Yxy	52.1363, 0.3042, 0.3790
Android (android.graphics.Color)	4288531109 (0xFF9DCAA5)
YUV	184.3270, -9.5282, -23.9658
Hunter-Lab	72.2055, -22.9189, 14.7479

Details

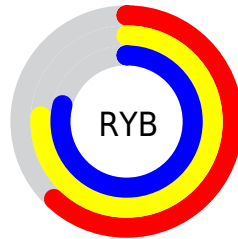
The RYB color **157, 195, 202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **202, 157, 194**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **212, 248, 255**, and **105, 141, 148** is the 20% darker color. If you saturate the color by 10%, you get **137, 192, 202**, and if you desaturate by 10%, it is **177, 198, 202**.

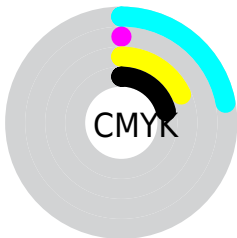
Distribution



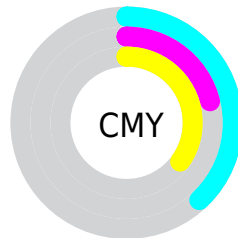
- Red (62%)
- Green (79%)
- Blue (65%)



- Red (62%)
- Yellow (76%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 195, 202 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 157, 195, 202 by changing the saturation by 10% instead.


 157, 195, 202

255, 255, 255


 212, 248, 255

 241, 250, 255

 157, 195, 202

 130, 168, 175

 105, 141, 148

 80, 115, 122


 56, 90, 97


 32, 64, 73


 7, 39, 50

 0, 30, 30

 0, 0, 0

 157, 195, 202


 157, 195, 202

 137, 192, 202


 177, 198, 202

 117, 189, 202


 197, 201, 202

 96, 185, 202


 218, 202, 215

 76, 183, 202


 238, 202, 231

 56, 179, 202

 255, 202, 248

 36, 177, 202

 255, 202, 255

 16, 173, 202

 0, 171, 202

Harmonies

Analogous

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



149, 197, 161



157, 195, 202



133, 174, 205

Triad

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



157, 195, 202



160, 184, 239



240, 176, 169

Complementary

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



157, 195, 202



202, 157, 194

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.



237, 174, 193



157, 195, 202



193, 185, 233

Square

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



157, 195, 202



132, 172, 231



221, 178, 217



230, 199, 151

Rectangle

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



157, 195, 202



123, 164, 205



221, 178, 217



240, 174, 177

Sweetspot

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



157, 195, 202



237, 252, 255



157, 202, 165



117, 126, 128



0, 0, 0



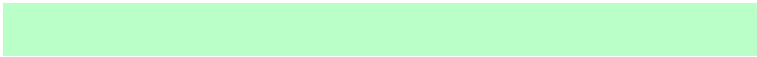
128, 128, 128

Same Dimension

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



157, 195, 202



186, 244, 255



157, 184, 202



92, 100, 102



0, 140, 166



0, 32, 38

Inverse Universe

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



202, 157, 194



255, 186, 242



202, 157, 171



102, 92, 100



166, 0, 135



38, 0, 31

Previews

White Background



This preview shows how the RYB color 157, 195, 202 looks on a white background.

Color Contrast Check

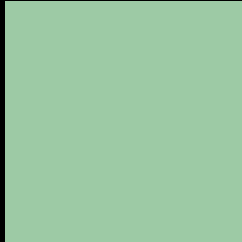
Large Text (above 18pt) WCAG AA × Fail

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 157, 195, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

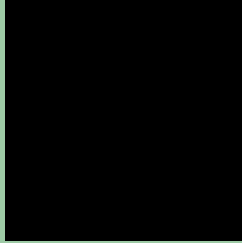
Any Text WCAG AA ✓ Pass

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 157, 195, 202 Background



This preview shows how black text looks on a background with the RYB color 157, 195, 202.

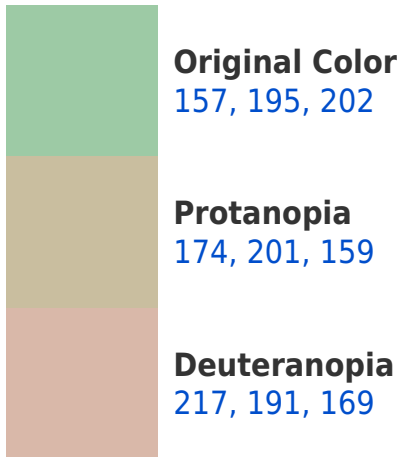


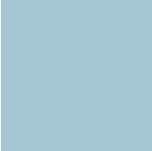
This preview shows how white text looks on a background with the RYB color 157, 195, 202.

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
165, 184, 211

Trichromacy



Original Color
157, 195, 202

Protanomaly
161, 194, 170

Deuteranomaly
173, 195, 168

Tritanomaly
162, 181, 198

Monochromacy



Original Color
157, 195, 202

Achromatopsia
184, 184, 184

Achromatomaly
174, 188, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 195, 202 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(157, 202, 165) looks like.

```
.text, #text, p{  
    color:rgb(157, 202, 165)  
}
```

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(157, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 202, 165) }
```

Border

The CSS property to change the border of an element to RYB 157, 195, 202 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(157, 202, 165) }
```

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

```
.border{ border-color:rgb(157, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 202, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 202, 165); box-shadow:4px 4px 4px 4px rgb(157, 202, 165) }
```

Background

The CSS property to change the background color of an element to RYB 157, 195, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 202, 165) }
```

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

```
.background{ background-color: rgb(157,  
202, 165) }
```

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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