

Converting Colors

`RYB(155, 191, 205)`

Have a look what the booklet for
RYB(155, 191, 205) contains.

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Color

`RYB(155, 191, 205)`

Conversions

Conversions Part 1

Format	Color
Hex	9BCDAE
RGB	155, 205, 174
RGB Percent	61%, 80%, 68%
CMY	0.3922, 0.1961, 0.3159
CMYK	0.24, 0.00, 0.15, 0.20
HSL	143°, 33%, 71%
HSV	143°, 24%, 80%
XYZ	43.0323, 53.7046, 48.3699
YIQ	186.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

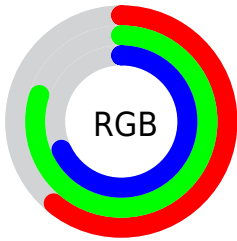
Format	Color
RYB	155, 191, 205
Decimal	10210734
CIELab	78.29, -22.49, 9.96
CIELCh	78, 24.594, 156.104
Yxy	53.7046, 0.2966, 0.3701
Android (android.graphics.Color)	4288400814 (0xFF9BCDAE)
YUV	186.5160, -6.1704, -27.6395
Hunter-Lab	73.2834, -23.4301, 12.1646

Details

The RYB color **155, 191, 205** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **205, 155, 186**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **210, 242, 255**, and **103, 137, 151** is the 20% darker color. If you saturate the color by 10%, you get **134, 185, 205**, and if you desaturate by 10%, it is **175, 196, 205**.

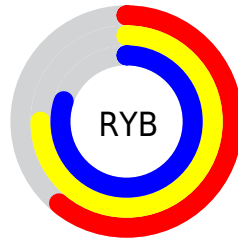
Distribution



Red (61%)

Green (80%)

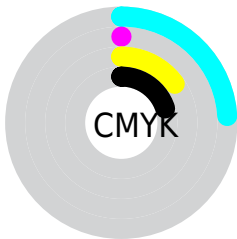
Blue (68%)



Red (61%)

Yellow (75%)

Blue (80%)

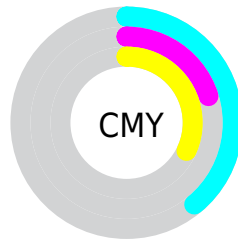


Cyan (24%)

Magenta (0%)

Yellow (15%)

Black (20%)



Cyan (39%)

Magenta (20%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 191, 205 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, 191, 205 by changing the saturation by 10% instead.

 155, 191, 205

255, 255, 255


 210, 241, 255

 239, 247, 255

 155, 191, 205

 128, 163, 177

 103, 137, 151

 78, 111, 125

 53, 85, 99

 29, 60, 75

 2, 34, 52

 0, 28, 32


 0, 0, 0

 155, 191, 205


 155, 191, 205

 134, 185, 205


 175, 196, 205

 114, 180, 205


 196, 202, 205

 94, 174, 205


 216, 205, 212

 73, 168, 205


 237, 205, 225

 52, 162, 205

 255, 205, 237

 32, 157, 205

 255, 205, 250

 11, 150, 205

 255, 205, 255

 0, 147, 205

Harmonies

Analogous

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



156, 200, 175



155, 191, 205



135, 173, 207

Triad

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



155, 191, 205



173, 189, 239



239, 182, 168

Complementary

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



155, 191, 205



205, 155, 186

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.



240, 177, 190



155, 191, 205



203, 186, 231

Square

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



155, 191, 205



144, 179, 235



227, 180, 213



227, 213, 153

Rectangle

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



155, 191, 205



129, 169, 213



227, 180, 213



241, 178, 175

Sweetspot

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



155, 191, 205



237, 250, 255



155, 205, 174



117, 125, 128



0, 0, 0



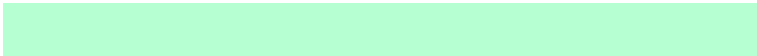
128, 128, 128

Same Dimension

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



155, 191, 205



181, 234, 255



155, 182, 205



92, 99, 102



0, 120, 166



0, 27, 38

Inverse Universe

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



205, 155, 186



255, 181, 226



205, 155, 161



102, 92, 98



166, 0, 101



38, 0, 23

Previews

White Background



This preview shows how the RYB color 155, 191, 205 looks on a white background.

Color Contrast Check

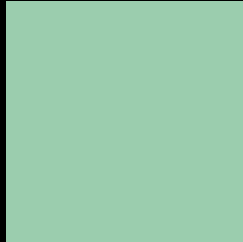
Large Text (above 18pt) WCAG AA × Fail

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, 191, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

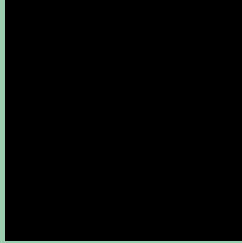
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

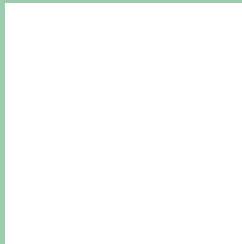
Any Text WCAG AAA ✓ Pass

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

RYB 155, 191, 205 Background



This preview shows how black text looks on a background with the RYB color 155, 191, 205.

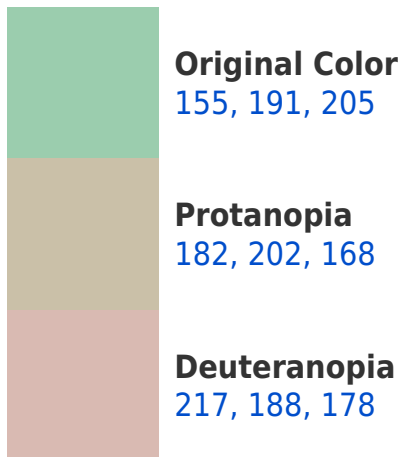


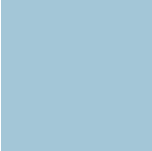
This preview shows how white text looks on a background with the RYB color 155, 191, 205.

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
163, 184, 215

Trichromacy



Original Color
155, 191, 205

Protanomaly
170, 197, 182

Deuteranomaly
178, 194, 177

Tritanomaly
160, 181, 201

Monochromacy



Original Color
155, 191, 205

Achromatopsia
187, 187, 187

Achromatomaly
175, 189, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 191, 205 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(155, 205, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 205, 174)  
}
```

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(155, 205, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 205, 174) }
```

Border

The CSS property to change the border of an element to RYB 155, 191, 205 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(155, 205, 174) }
```

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

```
.border{ border-color:rgb(155, 205, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 205, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 205, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 205, 174); box-shadow:4px 4px 4px 4px rgb(155, 205, 174) }
```

Background

The CSS property to change the background color of an element to RYB 155, 191, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 205, 174) }
```

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

```
.background{ background-color: rgb(155,  
205, 174) }
```

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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