

Converting Colors

`RYB(155, 185, 222)`

Have a look what the booklet for RYB(155, 185, 222) contains.

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Color

$\text{RYB}(155, 185, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	9BD1DE
RGB	155, 209, 222
RGB Percent	61%, 82%, 87%
CMY	0.3922, 0.1791, 0.1294
CMYK	0.30, 0.06, 0.00, 0.13
HSL	191°, 50%, 74%
HSV	191°, 30%, 87%
XYZ	49.5825, 58.0027, 77.6896
YIQ	194.3360, -36.3570, -7.4050

Conversions

Conversions Part 2

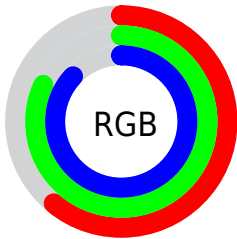
Format	Color
RYB	155, 185, 222
Decimal	10211806
CIELab	80.74, -14.48, -11.92
CIELCh	81, 18.759, 219.461
Yxy	58.0027, 0.2676, 0.3131
Android (android.graphics.Color)	4288401886 (0xFF9BD1DE)
YUV	194.3360, 13.6384, -34.4977
Hunter-Lab	76.1595, -17.0694, -7.1695

Details

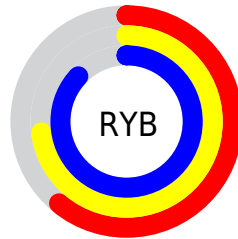
The RYB color **155, 185, 222** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **222, 171, 155**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **211, 233, 255**, and **101, 131, 167** is the 20% darker color. If you saturate the color by 10%, you get **133, 173, 222**, and if you desaturate by 10%, it is **177, 197, 222**.

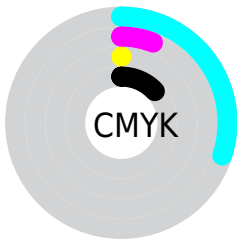
Distribution



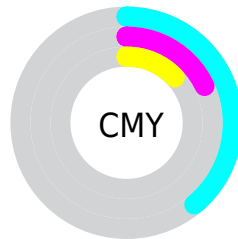
- Red (61%)
- Green (82%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 185, 222 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, 185, 222 by changing the saturation by 10% instead.

 155, 185, 222


255, 255, 255


 211, 233, 255

 240, 248, 255

 155, 185, 222


 128, 158, 194

 101, 131, 167

 75, 105, 141

 49, 79, 115

 20, 52, 90

 0, 31, 67

 0, 20, 45

 0, 5, 25

 0, 0, 0

■ 155, 185, 222

■ 155, 185, 222

■ 133, 173, 222

■ 177, 197, 222

■ 111, 161, 222

■ 199, 209, 222

■ 88, 148, 222

■ 222, 222, 222

■ 66, 136, 222

■ 244, 227, 222

■ 44, 124, 222

■ 255, 233, 222

■ 22, 112, 222

■ 255, 243, 222

■ 0, 99, 222

■ 253, 255, 222

■ 241, 255, 222

■ 233, 255, 222

Harmonies

Analogous

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



156, 185, 211



155, 185, 222



167, 192, 233

Triad

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



155, 185, 222



228, 190, 213



176, 209, 166

Complementary

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



155, 185, 222



222, 171, 155

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.



225, 219, 168



155, 185, 222



237, 188, 195

Square

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



155, 185, 222



211, 194, 228



236, 193, 179



173, 206, 190

Rectangle

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



155, 185, 222



180, 196, 235



236, 193, 179



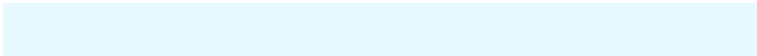
190, 215, 166

Sweetspot

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



155, 185, 222



232, 242, 255



155, 212, 222



113, 120, 128



0, 0, 0



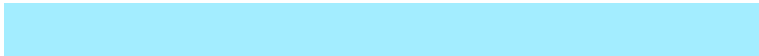
128, 128, 128

Same Dimension

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



155, 185, 222



163, 204, 255



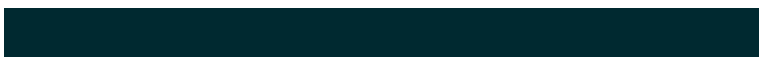
155, 171, 222



101, 106, 112



0, 79, 176



0, 22, 48

Inverse Universe

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



222, 155, 209



255, 163, 238



186, 222, 155



112, 101, 110



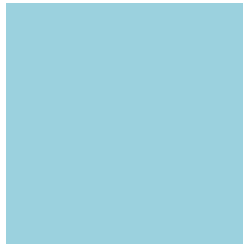
176, 0, 143



48, 0, 39

Previews

White Background



This preview shows how the RYB color 155, 185, 222 looks on a white background.

Color Contrast Check

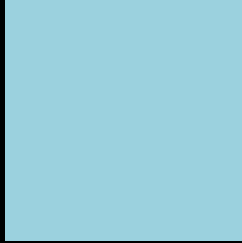
Large Text (above 18pt) WCAG AA × Fail

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, 185, 222 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, 185, 222 Background



This preview shows how black text looks on a background with the RYB color 155, 185, 222.

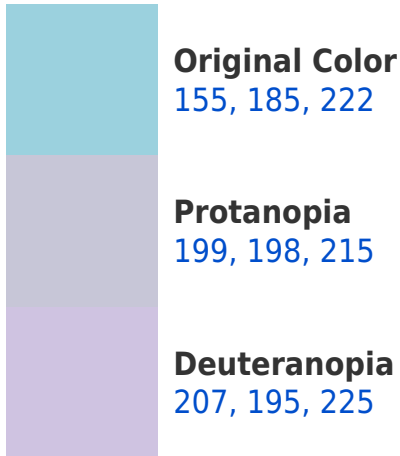


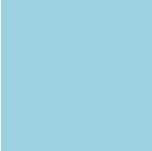
This preview shows how white text looks on a background with the RYB color 155, 185, 222.

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
156, 186, 226

Trichromacy



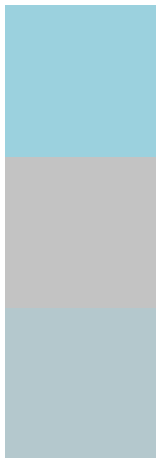
Original Color
155, 185, 222

Protanomaly
183, 195, 218

Deuteranomaly
188, 197, 224

Tritanomaly
156, 186, 225

Monochromacy



Original Color
155, 185, 222

Achromatopsia
195, 195, 195

Achromatomaly
180, 191, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 185, 222 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, 209, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 222)  
}
```

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, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 222) }
```

Border

The CSS property to change the border of an element to RYB 155, 185, 222 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, 209, 222) }
```

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

```
.border{ border-color:rgb(155, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(155, 209,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 155, 185, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 222) }
```

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

```
.background{ background-color: rgb(155,  
209, 222) }
```

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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