

Converting Colors

`RYB(139, 184, 193)`

Have a look what the booklet for
RYB(139, 184, 193) contains.

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Color

$\text{RYB}(139, 184, 193)$

Conversions

Conversions Part 1

Format	Color
Hex	8BC196
RGB	139, 193, 150
RGB Percent	55%, 76%, 59%
CMY	0.4549, 0.2431, 0.4125
CMYK	0.28, 0.00, 0.22, 0.24
HSL	132°, 30%, 65%
HSV	132°, 28%, 76%
XYZ	35.2064, 45.8245, 35.7592
YIQ	171.9520, -18.3810, -24.8210

Conversions

Conversions Part 2

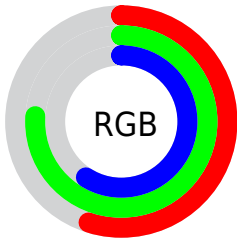
Format	Color
RYB	139, 184, 193
Decimal	9159062
CIELab	73.43, -26.40, 16.20
CIElCh	73, 30.973, 148.453
Yxy	45.8245, 0.3014, 0.3924
Android (android.graphics.Color)	4287349142 (0xFF8BC196)
YUV	171.9520, -10.8223, -28.8989
Hunter-Lab	67.6938, -25.6294, 16.0657

Details

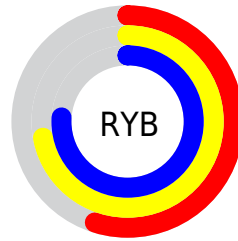
The RYB color **139, 184, 193** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193, 139, 182**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **194, 242, 250**, and **87, 129, 139** is the 20% darker color. If you saturate the color by 10%, you get **120, 181, 193**, and if you desaturate by 10%, it is **158, 187, 193**.

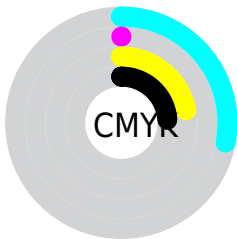
Distribution



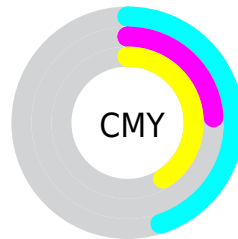
- Red (55%)
- Green (76%)
- Blue (59%)



- Red (55%)
- Yellow (72%)
- Blue (76%)



- Cyan (28%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (45%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 184, 193 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 139, 184, 193 by changing the saturation by 10% instead.

 139, 184, 193

255, 255, 255


 194, 242, 250


 222, 247, 255

 251, 253, 255

 139, 184, 193

 113, 157, 166

 87, 129, 139

 62, 103, 113

 38, 78, 89

 10, 50, 65


 0, 36, 42

 0, 20, 20


 0, 0, 0


 139, 184, 193


 139, 184, 193

 120, 181, 193


 158, 187, 193


 100, 177, 193


 178, 191, 193

 81, 175, 193


 197, 193, 196

 62, 171, 193

 216, 193, 212

 43, 168, 193

 235, 193, 227

 23, 165, 193

 255, 193, 242

 4, 161, 193

 255, 193, 255

 0, 161, 193

Harmonies

Analogous

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



130, 187, 145



139, 184, 193



108, 157, 196

Triad

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



139, 184, 193



141, 170, 237



237, 161, 155

Complementary

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



139, 184, 193



193, 139, 182

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.



234, 159, 183



139, 184, 193



182, 174, 230

Square

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



139, 184, 193



103, 155, 228



215, 164, 210



225, 189, 133

Rectangle

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



139, 184, 193



93, 145, 197



215, 164, 210



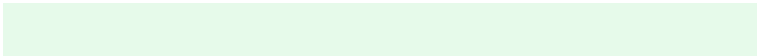
237, 160, 164

Sweetspot

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



139, 184, 193



230, 247, 250



139, 193, 150



112, 123, 125



252, 252, 252



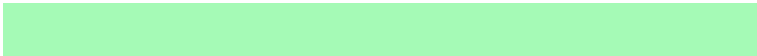
125, 125, 125

Same Dimension

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



139, 184, 193



165, 236, 250



139, 171, 193



87, 95, 97



0, 134, 161



0, 27, 33

Inverse Universe

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



193, 139, 182



250, 165, 233



193, 139, 155



97, 87, 95



161, 0, 129



33, 0, 27

Previews

White Background



This preview shows how the RYB color 139, 184, 193 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 139, 184, 193 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 139, 184, 193 Background



This preview shows how black text looks on a background with the RYB color 139, 184, 193.

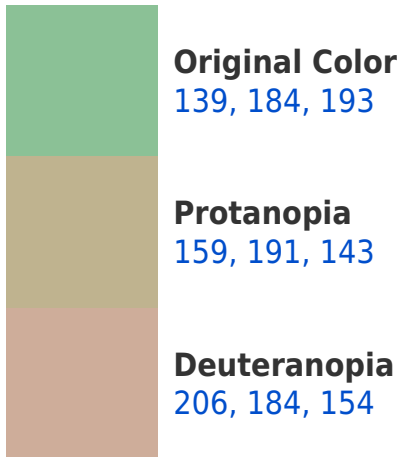


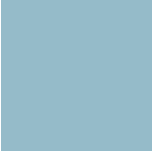
This preview shows how white text looks on a background with the RYB color 139, 184, 193.

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
149, 171, 201

Trichromacy



Original Color
139, 184, 193

Protanomaly
145, 184, 157

Deuteranomaly
154, 182, 152

Tritanomaly
145, 169, 189

Monochromacy



Original Color
139, 184, 193

Achromatopsia
172, 172, 172

Achromatomaly
160, 177, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 184, 193 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(139, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(139, 193, 150)  
}
```

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(139, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 193, 150) }
```

Border

The CSS property to change the border of an element to RYB 139, 184, 193 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(139, 193, 150) }
```

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

```
.border{ border-color:rgb(139, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(139, 193,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 139, 184, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 193, 150) }
```

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

```
.background{ background-color: rgb(139,  
193, 150) }
```

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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