

Converting Colors

`RYB(145, 185, 193)`

Have a look what the booklet for
RYB(145, 185, 193) contains.

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Color

R_YB(145, 185, 193)

Conversions

Conversions Part 1

Format	Color
Hex	91C19B
RGB	145, 193, 155
RGB Percent	57%, 76%, 61%
CMY	0.4314, 0.2431, 0.3937
CMYK	0.25, 0.00, 0.20, 0.24
HSL	132°, 28%, 66%
HSV	132°, 25%, 76%
XYZ	36.6299, 46.5128, 37.8818
YIQ	174.3160, -16.4100, -21.9940

Conversions

Conversions Part 2

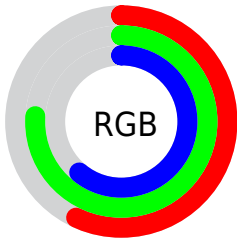
Format	Color
RYB	145, 185, 193
Decimal	9552283
CIELab	73.88, -23.54, 14.30
CIELCh	74, 27.541, 148.731
Yxy	46.5128, 0.3027, 0.3843
Android (android.graphics.Color)	4287742363 (0xFF91C19B)
YUV	174.3160, -9.5228, -25.7101
Hunter-Lab	68.2003, -23.4795, 14.8076

Details

The RYB color **145, 185, 193** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193, 145, 183**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **200, 242, 250**, and **93, 130, 139** is the 20% darker color. If you saturate the color by 10%, you get **126, 182, 193**, and if you desaturate by 10%, it is **164, 188, 193**.

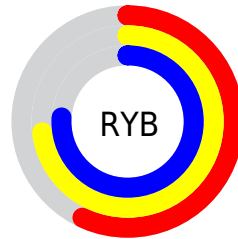
Distribution



Red (57%)

Green (76%)

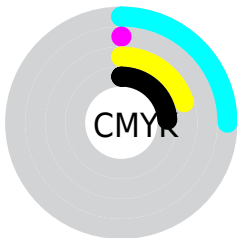
Blue (61%)



Red (57%)

Yellow (73%)

Blue (76%)

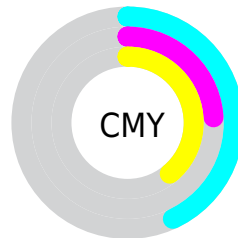


Cyan (25%)

Magenta (0%)

Yellow (20%)

Black (24%)



Cyan (43%)

Magenta (24%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 185, 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 145, 185, 193 by changing the saturation by 10% instead.

 145, 185, 193


255, 255, 255


 200, 242, 250

 228, 248, 255

 145, 185, 193

 119, 158, 166

 93, 131, 139

 69, 106, 114

 44, 80, 89

 20, 54, 65

 0, 33, 43

 0, 22, 22


 0, 0, 0


 145, 185, 193


 145, 185, 193

 126, 182, 193


 164, 188, 193


 106, 178, 193


 184, 192, 193


 87, 175, 193


 203, 193, 201

 68, 172, 193


 222, 193, 216

 49, 170, 193

 242, 193, 232

 29, 166, 193

 255, 193, 247

 10, 162, 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.



137, 187, 150



145, 185, 193



119, 162, 196

Triad

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



145, 185, 193



149, 174, 232



232, 166, 158

Complementary

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



145, 185, 193



193, 145, 183

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.



230, 163, 184



145, 185, 193



184, 175, 226

Square

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



145, 185, 193



117, 161, 224



213, 167, 208



222, 191, 139

Rectangle

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



145, 185, 193



108, 152, 197



213, 167, 208



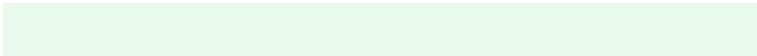
233, 164, 166

Sweetspot

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



145, 185, 193



232, 247, 250



145, 193, 155



115, 123, 125



252, 252, 252



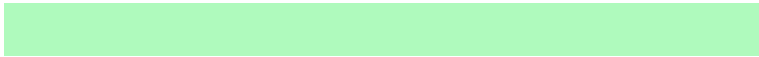
125, 125, 125

Same Dimension

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



145, 185, 193



175, 238, 250



145, 173, 193



87, 95, 97



0, 134, 161



0, 27, 33

Inverse Universe

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



193, 145, 183



250, 175, 235



193, 145, 159



97, 87, 95



161, 0, 129



33, 0, 27

Previews

White Background



This preview shows how the RYB color 145, 185, 193 looks on a white background.

Color Contrast Check

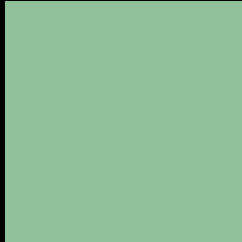
Large Text (above 18pt) WCAG AA × Fail

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 145, 185, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

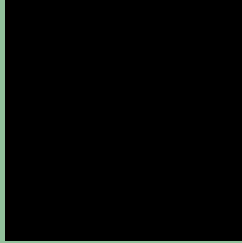
Any Text WCAG AA ✓ Pass

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 145, 185, 193 Background



This preview shows how black text looks on a background with the RYB color 145, 185, 193.



This preview shows how white text looks on a background with the RYB color 145, 185, 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](#).

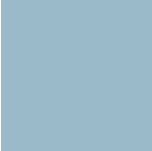
Dichromacy



Original Color
145, 185, 193

Protanopia
162, 191, 149

Deuteranopia
207, 181, 159



Tritanopia
154, 173, 201

Trichromacy



Original Color
145, 185, 193

Protanomaly
151, 185, 162

Deuteranomaly
160, 184, 157

Tritanomaly
151, 171, 189

Monochromacy



Original Color
145, 185, 193

Achromatopsia
174, 174, 174

Achromatomaly
163, 178, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 185, 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(145, 193, 155)` looks like.

```
.text, #text, p{  
    color:rgb(145, 193, 155)  
}
```

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(145, 193, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 193, 155) }
```

Border

The CSS property to change the border of an element to RYB 145, 185, 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(145, 193, 155) }
```

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

```
.border{ border-color:rgb(145, 193, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 193, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 193, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 193, 155);  
box-shadow:4px 4px 4px 4px rgb(145, 193,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 145, 185, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 193, 155) }
```

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

```
.background{ background-color: rgb(145,  
193, 155) }
```

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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