

Converting Colors

`RYB(145, 193, 196)`

Have a look what the booklet for
RYB(145, 193, 196) contains.

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Color

R_YB(145, 193, 196)

Conversions

Conversions Part 1

Format	Color
Hex	91C494
RGB	145, 196, 148
RGB Percent	57%, 77%, 58%
CMY	0.4314, 0.2314, 0.4189
CMYK	0.26, 0.00, 0.24, 0.23
HSL	124°, 30%, 67%
HSV	124°, 26%, 77%
XYZ	36.7771, 47.6437, 35.3526
YIQ	175.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

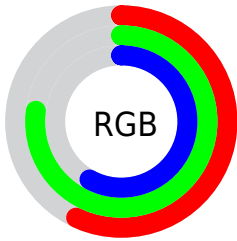
Format	Color
RYB	145, 193, 196
Decimal	9553044
CIELab	74.60, -26.17, 18.74
CIELCh	75, 32.188, 144.386
Yxy	47.6437, 0.3071, 0.3978
Android (android.graphics.Color)	4287743124 (0xFF91C494)
YUV	175.2790, -13.4485, -26.5547
Hunter-Lab	69.0244, -25.6854, 17.9502

Details

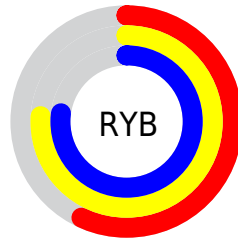
The RYB color **145, 193, 196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 145, 193**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **200, 251, 253**, and **93, 138, 142** is the 20% darker color. If you saturate the color by 10%, you get **125, 191, 196**, and if you desaturate by 10%, it is **165, 194, 196**.

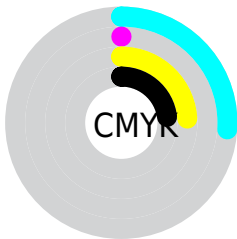
Distribution



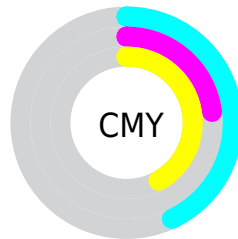
- Red (57%)
- Green (77%)
- Blue (58%)



- Red (57%)
- Yellow (76%)
- Blue (77%)



- Cyan (26%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (43%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 193, 196 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, 193, 196 by changing the saturation by 10% instead.

 145, 193, 196


255, 255, 255


 200, 251, 253

 228, 252, 255

 145, 193, 196

 119, 166, 169

 93, 138, 142

 68, 111, 116

 44, 86, 91

 18, 58, 67

 0, 41, 45

 0, 25, 25


 0, 0, 0

 145, 193, 196


 145, 193, 196

 125, 191, 196


 165, 194, 196

 106, 191, 196


 184, 195, 196

 86, 189, 196


 204, 196, 203

 67, 188, 196

 223, 196, 222


 47, 188, 196

 243, 196, 240

 27, 186, 196

 255, 196, 255

 8, 185, 196

 0, 185, 196

Harmonies

Analogous

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



129, 189, 139



145, 193, 196



111, 162, 200

Triad

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



145, 193, 196



136, 171, 242



243, 163, 161

Complementary

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



145, 193, 196



196, 145, 193

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.



238, 162, 190



145, 193, 196



180, 178, 237

Square

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



145, 193, 196



98, 154, 231



216, 168, 218



232, 188, 137

Rectangle

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



145, 193, 196



93, 147, 200



216, 168, 218



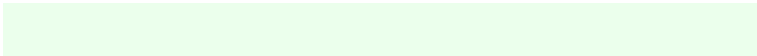
243, 162, 170

Sweetspot

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



145, 193, 196



235, 254, 255



145, 196, 148



115, 127, 128



0, 0, 0



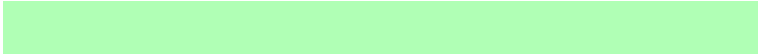
128, 128, 128

Same Dimension

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



145, 193, 196



176, 250, 255



145, 178, 196



87, 96, 97



0, 152, 161



0, 31, 33

Inverse Universe

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



196, 145, 193



255, 176, 250



196, 145, 168



97, 87, 96



161, 0, 151



33, 0, 31

Previews

White Background



This preview shows how the RYB color 145, 193, 196 looks on a white background.

Color Contrast Check

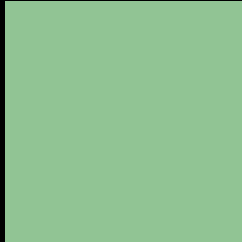
Large Text (above 18pt) WCAG AA × Fail

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, 193, 196 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, 193, 196 Background



This preview shows how black text looks on a background with the RYB color 145, 193, 196.

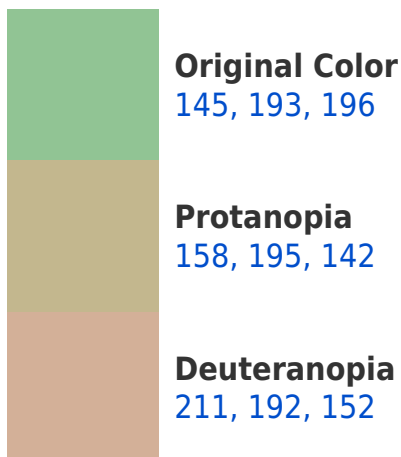


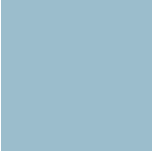
This preview shows how white text looks on a background with the RYB color 145, 193, 196.

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
155, 175, 204

Trichromacy



Original Color
145, 193, 196

Protanomaly
144, 188, 155

Deuteranomaly
156, 187, 151

Tritanomaly
151, 174, 192

Monochromacy



Original Color
145, 193, 196

Achromatopsia
175, 175, 175

Achromatomaly
164, 182, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 193, 196 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, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(145, 196, 148)  
}
```

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, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 196, 148) }
```

Border

The CSS property to change the border of an element to RYB 145, 193, 196 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, 196, 148) }
```

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

```
.border{ border-color:rgb(145, 196, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 196, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 196, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 196,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 145, 193, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 196, 148) }
```

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

```
.background{ background-color: rgb(145,  
196, 148) }
```

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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