

Converting Colors

`RYB(153, 194, 193)`

Have a look what the booklet for
RYB(153, 194, 193) contains.

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Color

R_YB(153, 194, 193)

Conversions

Conversions Part 1

Format	Color
Hex	9AC299
RGB	154, 194, 153
RGB Percent	60%, 76%, 60%
CMY	0.3961, 0.2392, 0.4000
CMYK	0.21, 0.00, 0.21, 0.24
HSL	119°, 25%, 68%
HSV	119°, 21%, 76%
XYZ	38.3680, 47.7535, 37.3321
YIQ	177.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

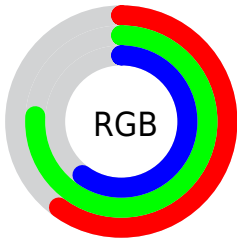
Format	Color
RYB	153, 194, 193
Decimal	10142361
CIELab	74.67, -21.29, 16.34
CIELCh	75, 26.839, 142.483
Yxy	47.7535, 0.3108, 0.3868
Android (android.graphics.Color)	4288332441 (0xFF9AC299)
YUV	177.3660, -12.0124, -20.4920
Hunter-Lab	69.1039, -21.8248, 16.3424

Details

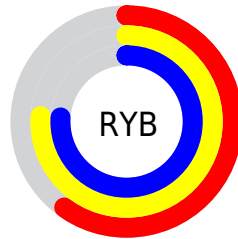
The RYB color **153, 194, 193** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193, 153, 194**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **207, 251, 249**, and **102, 140, 140** is the 20% darker color. If you saturate the color by 10%, you get **134, 194, 193**, and if you desaturate by 10%, it is **172, 194, 193**.

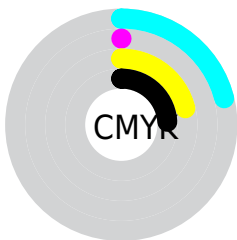
Distribution



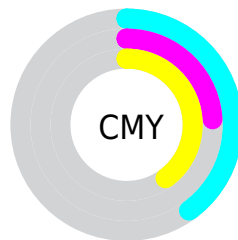
- Red (60%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (40%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 194, 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 153, 194, 193 by changing the saturation by 10% instead.


 153, 194, 193


255, 255, 255


 207, 251, 249

 236, 255, 254

 153, 194, 193

 127, 167, 166

 102, 140, 140

 77, 114, 115

 54, 89, 90

 30, 63, 66


 7, 40, 44

 0, 25, 25


 0, 0, 0


 153, 194, 193


 153, 194, 193


 134, 194, 193


 172, 194, 193


 114, 194, 192


 192, 194, 194

 95, 194, 192


 211, 194, 211

 75, 194, 191


 230, 194, 231

 56, 194, 191

 249, 194, 250

 37, 194, 191

 255, 194, 255

 17, 194, 189

 0, 194, 189

Harmonies

Analogous

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



138, 188, 144



153, 194, 193



128, 169, 197

Triad

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



153, 194, 193



145, 174, 232



234, 167, 166

Complementary

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



153, 194, 193



193, 153, 194

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.



229, 166, 191



153, 194, 193



179, 180, 229

Square

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



153, 194, 193



118, 162, 222



210, 171, 214



226, 185, 146

Rectangle

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



153, 194, 193



115, 158, 198



210, 171, 214



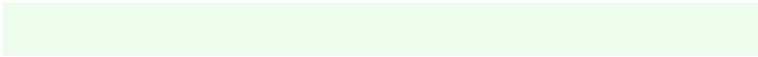
234, 166, 174

Sweetspot

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



153, 194, 193



237, 252, 251



154, 194, 153



119, 128, 128



0, 0, 0



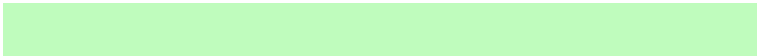
128, 128, 128

Same Dimension

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



153, 194, 193



189, 252, 250



153, 181, 194



87, 97, 97



0, 161, 157



0, 33, 32

Inverse Universe

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



193, 153, 194



251, 189, 252



194, 153, 175



97, 87, 97



157, 0, 161



32, 0, 33

Previews

White Background



This preview shows how the RYB color 153, 194, 193 looks on a white background.

Color Contrast Check

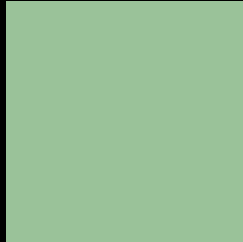
Large Text (above 18pt) WCAG AA × Fail

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 153, 194, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

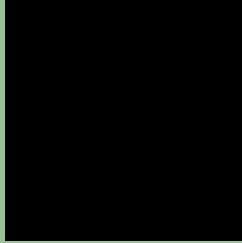
Any Text WCAG AA ✓ Pass

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 153, 194, 193 Background



This preview shows how black text looks on a background with the RYB color 153, 194, 193.



This preview shows how white text looks on a background with the RYB color 153, 194, 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
153, 194, 193

Protanopia
162, 194, 148

Deuteranopia
210, 187, 157



Tritanopia
162, 177, 202

Trichromacy



Original Color

153, 194, 193

Protanomaly

150, 187, 158

Deuteranomaly

165, 190, 156

Tritanomaly

159, 176, 190

Monochromacy



Original Color

153, 194, 193

Achromatopsia

177, 177, 177

Achromatomaly

168, 183, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 194, 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(154, 194, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 194, 153)  
}
```

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(154, 194, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 194, 153) }
```

Border

The CSS property to change the border of an element to RYB 153, 194, 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(154, 194, 153) }
```

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

```
.border{ border-color:rgb(154, 194, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 194, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 194, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 194, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 194,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 153, 194, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 194, 153) }
```

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

```
.background{ background-color: rgb(154,  
194, 153) }
```

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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