Converting Colors

RYB(153, 185, 176)

Have a look what the booklet for RYB(153, 185, 176) contains.

Color

RYB(153, 185, 176)

Conversions

Conversions Part 1

Format	Color
Hex	A2B999
RGB	162, 185, 153
RGB Percent	64%, 73%, 60%
CMY	0.3647, 0.2745, 0.4000
CMYK	0.12, 0.00, 0.17, 0.27
HSL	103°, 19%, 66%
HSV	103°, 17%, 73%
XYZ	37.9990, 44.6792, 36.7582
YIQ	174.4750, -3.4360, -14.8280

Conversions

Conversions Part 2

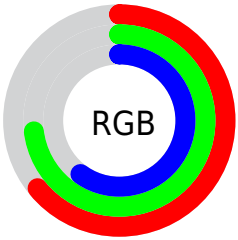
Format	Color
RYB	153, 185, 176
Decimal	10664345
CIELab	72.68, -13.90, 13.64
CIELCh	73, 19.474, 135.554
Yxy	44.6792, 0.3182, 0.3741
Android (android.graphics.Color)	4288854425 (0xFFA2B999)
YUV	174.4750, -10.5872, -10.9406
Hunter-Lab	66.8425, -15.4997, 14.1849

Details

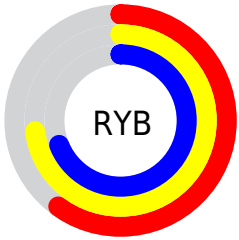
The RYB color 153, 185, 176 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 176, 153, 185, and the grayscale version is 175, 175, 175.

A 20% lighter version of the original color is 207, 241, 231, and 102, 132, 124 is the 20% darker color. If you saturate the color by 10%, you get 135, 185, 171, and if you desaturate by 10%, it is 171, 185, 181.

Distribution

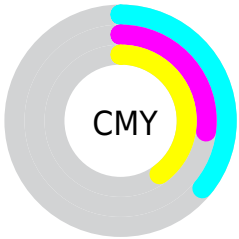


- Red (64%)
- Green (73%)
- Blue (60%)



- Red (60%)
- Yellow (73%)
- Blue (69%)

- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 185, 176 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, 185, 176 by changing the saturation by 10% instead.

153, 185, 176

255, 255, 255

207, 241, 231

236, 255, 245

153, 185, 176

127, 158, 149

102, 132, 124

78, 107, 99

55, 82, 75

33, 59, 52

12, 37, 30

0, 17, 17

0, 0, 0

153, 185, 176

153, 185, 176

135, 185, 171

116, 185, 166

98, 185, 161

79, 185, 155

61, 185, 150

42, 185, 145

24, 185, 140

5, 185, 134

0, 185, 133

171, 185, 181

189, 185, 190

202, 185, 209

215, 185, 227

228, 185, 245

242, 185, 255

255, 185, 255

Harmonies

Analogous

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

146, 182, 144

153, 185, 176

143, 172, 188

Triad

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

153, 185, 176

147, 170, 212

216, 166, 170

Complementary

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

153, 185, 176

176, 153, 185

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.

209, 167, 188

153, 185, 176

170, 176, 212

Square

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

153, 185, 176

132, 163, 203

193, 171, 203

212, 174, 154

Rectangle

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

153, 185, 176

134, 164, 189

193, 171, 203

214, 166, 176

Sweetspot

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

153, 185, 176

228, 240, 237

166, 185, 153

113, 120, 118

247, 247, 247

120, 120, 120

Same Dimension

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

153, 185, 176

189, 240, 225

153, 179, 185

83, 92, 90

0, 156, 112

0, 28, 20

Inverse Universe

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

176, 153, 185

226, 189, 240

185, 153, 178

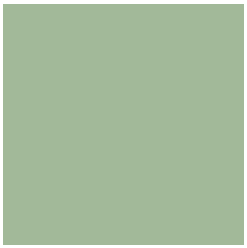
89, 83, 92

112, 0, 156

20, 0, 28

Previews

White Background

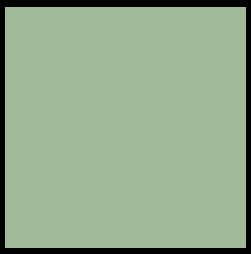


This preview shows how the RYB color 153, 185, 176 looks on a white background.

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



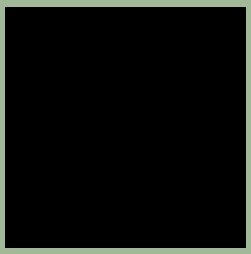
This preview shows how the RYB color 153, 185, 176 looks on a black background.

Color Contrast Check

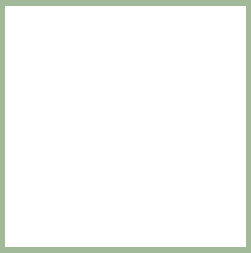
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 153, 185, 176 Background



This preview shows how black text looks on a background with the RYB color 153, 185, 176.



This preview shows how white text looks on a background with the RYB color 153, 185, 176.

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

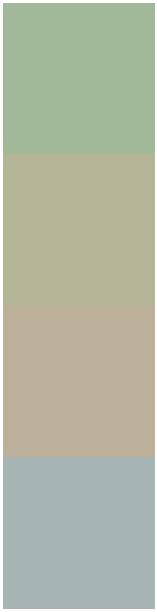
Original Color
153, 185, 176

Protanopia
162, 188, 149

Deuteranopia
203, 178, 156

Tritanopia
168, 176, 194

Trichromacy



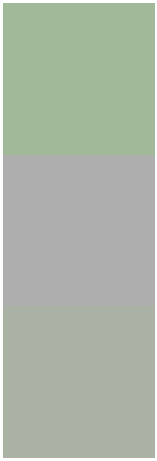
Original Color
153, 185, 176

Protanomaly
150, 181, 152

Deuteranomaly
174, 188, 155

Tritanomaly
166, 174, 181

Monochromacy



Original Color
153, 185, 176

Achromatopsia
174, 174, 174

Achromatomaly
166, 178, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 185, 176 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(162, 185, 153) looks like.

```
.text, #text, p{
    color:rgb(162, 185, 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(162, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 185, 153) }
```

Border

The CSS property to change the border of an element to RYB 153, 185, 176 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(162, 185, 153) }
```

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

```
.border{ border-color:rgb(162, 185, 153) }
```

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

Here you see how a box with a 4 pixel rgb(162, 185, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 185, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 185, 153); box-shadow:4px 4px 4px 4px rgb(162, 185, 153) }
```

Background

The CSS property to change the background color of an element to RYB 153, 185, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(162, 185, 153) }
```

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

```
.background{ background-color:rgb(162,
185, 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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