

Converting Colors

`RYB(144, 195, 176)`

Have a look what the booklet for
RYB(144, 195, 176) contains.

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Color

R_YB(144, 195, 176)

Conversions

Conversions Part 1

Format	Color
Hex	A3C390
RGB	163, 195, 144
RGB Percent	64%, 76%, 56%
CMY	0.3608, 0.2353, 0.4353
CMYK	0.16, 0.00, 0.26, 0.24
HSL	98°, 30%, 66%
HSV	98°, 26%, 76%
XYZ	39.6534, 48.8304, 33.7208
YIQ	179.6180, -2.7010, -22.6450

Conversions

Conversions Part 2

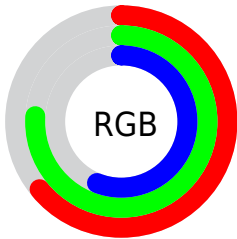
Format	Color
RYB	144, 195, 176
Decimal	10732432
CIELab	75.35, -20.12, 22.18
CIELCh	75, 29.947, 132.217
Yxy	48.8304, 0.3245, 0.3996
Android (android.graphics.Color)	4288922512 (0xFFA3C390)
YUV	179.6180, -17.5597, -14.5740
Hunter-Lab	69.8787, -20.9961, 20.3040

Details

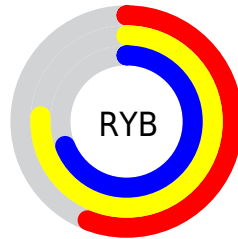
The RYB color **144, 195, 176** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176, 144, 195**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **198, 252, 232**, and **93, 141, 123** is the 20% darker color. If you saturate the color by 10%, you get **125, 195, 169**, and if you desaturate by 10%, it is **163, 195, 183**.

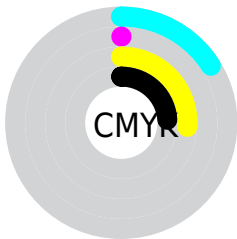
Distribution



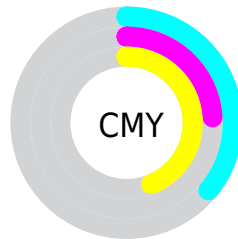
- Red (64%)
- Green (76%)
- Blue (56%)



- Red (56%)
- Yellow (76%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 195, 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 144, 195, 176 by changing the saturation by 10% instead.

 144, 195, 176

255, 255, 255


 198, 252, 232


 226, 255, 234

 144, 195, 176

 118, 168, 150

 93, 141, 123

 69, 116, 99


 46, 91, 75


 25, 67, 54

 0, 45, 28

 0, 26, 26

 0, 0, 0

 144, 195, 176


 144, 195, 176


 125, 195, 169


 163, 195, 183

 105, 195, 161


 183, 195, 191

 86, 195, 155


 200, 195, 203

 66, 195, 147

 212, 195, 222

 47, 195, 140

 224, 195, 242

 27, 195, 132

 236, 195, 255

 8, 195, 126

 249, 195, 255

 0, 195, 122

 255, 195, 255

Harmonies

Analogous

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



139, 194, 131



144, 195, 176



131, 176, 200

Triad

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



144, 195, 176



128, 169, 237



241, 165, 175

Complementary

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



144, 195, 176



176, 144, 195

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, 167, 203



144, 195, 176



167, 181, 239

Square

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



144, 195, 176



102, 156, 222



204, 175, 227



237, 176, 150

Rectangle

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



144, 195, 176



113, 161, 201



204, 175, 227



239, 165, 185

Sweetspot

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



144, 195, 176



232, 252, 244



177, 195, 144



115, 128, 123



0, 0, 0



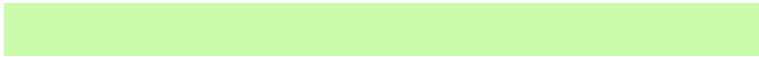
128, 128, 128

Same Dimension

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



144, 195, 176



174, 252, 223



144, 190, 195



87, 97, 93



0, 161, 101



0, 33, 21

Inverse Universe

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



176, 144, 195



223, 174, 252



195, 144, 189



93, 87, 97



101, 0, 161



21, 0, 33

Previews

White Background



This preview shows how the RYB color 144, 195, 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 144, 195, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

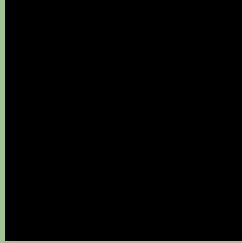
Any Text WCAG AA ✓ Pass

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 144, 195, 176 Background



This preview shows how black text looks on a background with the RYB color 144, 195, 176.

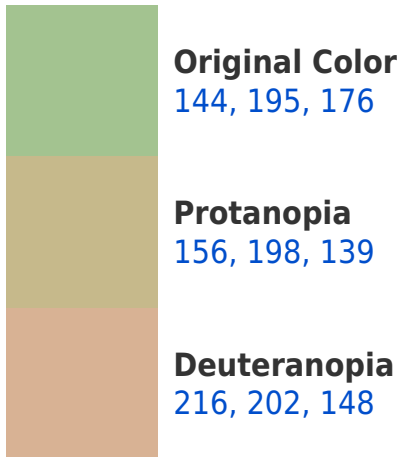



This preview shows how white text looks on a background with the RYB color 144, 195, 176.

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





Tritanopia
172, 182, 202

Trichromacy



Original Color
144, 195, 176

Protanomaly
141, 189, 145

Deuteranomaly
165, 197, 147

Tritanomaly
169, 182, 190

Monochromacy



Original Color
144, 195, 176

Achromatopsia
180, 180, 180

Achromatomaly
167, 185, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 195, 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(163, 195, 144)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 144)  
}
```

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(163, 195, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 195, 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(163, 195, 144) }
```

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

```
.border{ border-color:rgb(163, 195, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 195, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 195, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 195, 144);  
box-shadow:4px 4px 4px 4px rgb(163, 195,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 195, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 144) }
```

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

```
.background{ background-color: rgb(163,  
195, 144) }
```

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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