

Converting Colors

`RYB(144, 188, 170)`

Have a look what the booklet for
RYB(144, 188, 170) contains.

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Color

R_YB(144, 188, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A2BC90
RGB	162, 188, 144
RGB Percent	64%, 74%, 56%
CMY	0.3647, 0.2627, 0.4353
CMYK	0.14, 0.00, 0.23, 0.26
HSL	95°, 25%, 65%
HSV	95°, 23%, 74%
XYZ	37.9176, 45.6614, 33.2006
YIQ	175.2100, -1.3720, -19.1960

Conversions

Conversions Part 2

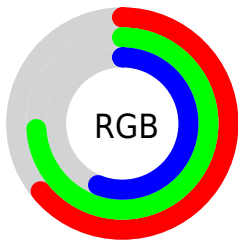
Format	Color
RYB	144, 188, 170
Decimal	10665104
CIELab	73.33, -16.95, 19.39
CIElCh	73, 25.756, 131.147
Yxy	45.6614, 0.3247, 0.3910
Android (android.graphics.Color)	4288855184 (0xFFA2BC90)
YUV	175.2100, -15.3865, -11.5852
Hunter-Lab	67.5732, -18.0910, 18.1704

Details

The RYB color **144, 188, 170** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170, 144, 188**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **198, 244, 225**, and **93, 135, 118** is the 20% darker color. If you saturate the color by 10%, you get **125, 188, 162**, and if you desaturate by 10%, it is **163, 188, 178**.

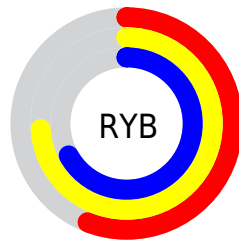
Distribution



Red (64%)

Green (74%)

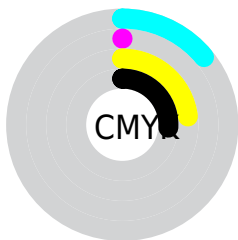
Blue (56%)



Red (56%)

Yellow (74%)

Blue (67%)

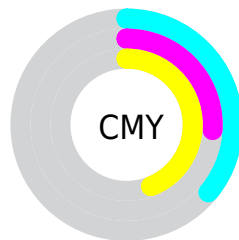


Cyan (14%)

Magenta (0%)

Yellow (23%)

Black (26%)



Cyan (36%)

Magenta (26%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 188, 170 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, 188, 170 by changing the saturation by 10% instead.

 144, 188, 170


255, 255, 255


 198, 244, 225

 226, 255, 235

 144, 188, 170

 118, 161, 143

 93, 135, 118

 70, 109, 94


 47, 85, 71


 25, 62, 48

 0, 39, 21

 0, 20, 20


 0, 0, 0

 144, 188, 170


 144, 188, 170

 125, 188, 162


 163, 188, 178

 106, 188, 154


 182, 188, 186

 88, 188, 147


 195, 188, 200

 69, 188, 139


 206, 188, 219


 50, 188, 132


 218, 188, 238


 31, 188, 124

 229, 188, 255

 12, 188, 116

 240, 188, 255

 0, 188, 111

 251, 188, 255

 255, 188, 255

Harmonies

Analogous

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



142, 188, 134



144, 188, 170



135, 173, 192

Triad

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



144, 188, 170



132, 166, 224



228, 163, 172

Complementary

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



144, 188, 170



170, 144, 188

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.



218, 165, 196



144, 188, 170



164, 176, 226

Square

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



144, 188, 170



112, 156, 210



195, 171, 216



225, 170, 150

Rectangle

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



144, 188, 170



121, 161, 193



195, 171, 216



226, 163, 180

Sweetspot

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



144, 188, 170



228, 245, 238



174, 188, 144



113, 122, 118



250, 250, 250



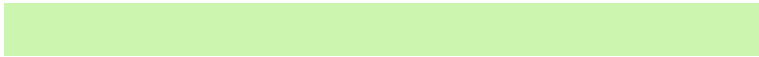
122, 122, 122

Same Dimension

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



144, 188, 170



176, 245, 217



144, 184, 188



85, 94, 90



0, 158, 93



0, 31, 18

Inverse Universe

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



170, 144, 188



217, 176, 245



188, 144, 184



90, 85, 94



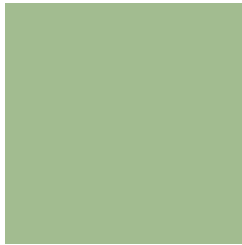
93, 0, 158



18, 0, 31

Previews

White Background



This preview shows how the RYB color 144, 188, 170 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, 188, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

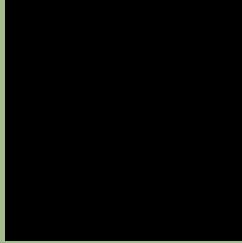
Any Text WCAG AA ✓ Pass

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](#).

R Y B 144, 188, 170 Background



This preview shows how black text looks on a background with the R Y B color 144, 188, 170.

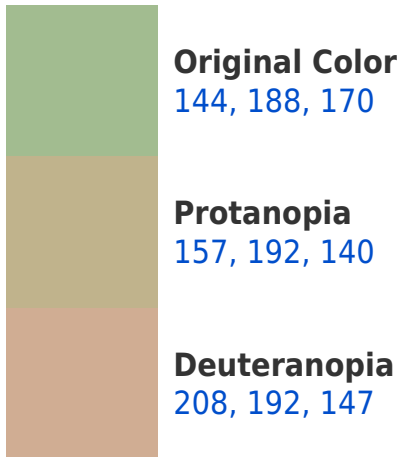


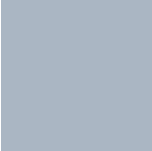
This preview shows how white text looks on a background with the R Y B color 144, 188, 170.

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](#).

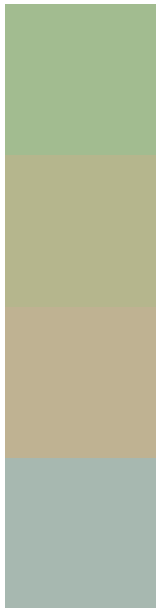
Dichromacy





Tritanopia
170, 178, 195

Trichromacy



Original Color

144, 188, 170

Protanomaly

141, 182, 142

Deuteranomaly

164, 191, 146

Tritanomaly

167, 178, 184

Monochromacy



Original Color

144, 188, 170

Achromatopsia

175, 175, 175

Achromatomaly

164, 180, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 188, 170 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, 188, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 188, 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(162, 188, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 188, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 188, 170 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, 188, 144) }
```

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

```
.border{ border-color:rgb(162, 188, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 188, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 188, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 188, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 188,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 188, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 188, 144) }
```

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

```
.background{ background-color: rgb(162,  
188, 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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