

Converting Colors

`RYB(144, 192, 150)`

Have a look what the booklet for
RYB(144, 192, 150) contains.

RYB(144, 192, 150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(144, 192, 150)

Conversions

Conversions Part 1

Format	Color
Hex	BAC090
RGB	186, 192, 144
RGB Percent	73%, 75%, 56%
CMY	0.2706, 0.2471, 0.4353
CMYK	0.03, 0.00, 0.25, 0.25
HSL	68°, 28%, 66%
HSV	68°, 25%, 75%
XYZ	44.1334, 50.1520, 33.7398
YIQ	184.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

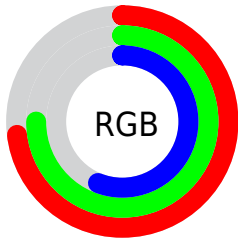
Format	Color
RYB	144, 192, 150
Decimal	12238992
CIELab	76.16, -10.07, 23.56
CIELCh	76, 25.624, 113.146
Yxy	50.1520, 0.3447, 0.3917
Android (android.graphics.Color)	4290429072 (0xFFBAC090)
YUV	184.7340, -20.0819, 1.1103
Hunter-Lab	70.8181, -12.6915, 21.3252

Details

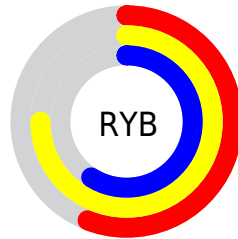
The RYB color **144, 192, 150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150, 144, 192**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **198, 248, 204**, and **93, 139, 100** is the 20% darker color. If you saturate the color by 10%, you get **125, 192, 133**, and if you desaturate by 10%, it is **163, 192, 167**.

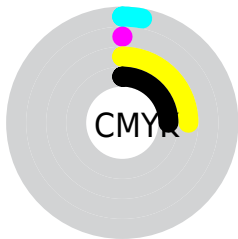
Distribution



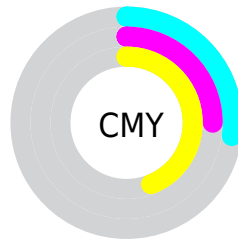
- Red (73%)
- Green (75%)
- Blue (56%)



- Red (56%)
- Yellow (75%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)




- Cyan (27%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 192, 150 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, 192, 150 by changing the saturation by 10% instead.

 144, 192, 150


255, 255, 255

 198, 248, 204

 226, 255, 226

 144, 192, 150


 118, 165, 124

 93, 139, 100

 69, 113, 75


 46, 89, 53

 24, 65, 31

 0, 43, 6

 0, 24, 16

 0, 0, 0

 144, 192, 150

 144, 192, 150

■ 125, 192, 133

■ 163, 192, 167

■ 106, 192, 117

■ 182, 192, 183

■ 86, 192, 99

■ 193, 192, 202

■ 67, 192, 83

■ 196, 192, 221

■ 48, 192, 66

■ 198, 192, 240

■ 29, 192, 49

■ 200, 192, 255

■ 10, 192, 33

■ 203, 192, 255

■ 0, 192, 24

■ 205, 192, 255

■ 208, 192, 255

Harmonies

Analogous

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



185, 211, 141



144, 192, 150



159, 198, 198

Triad

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



144, 192, 150



126, 168, 225



231, 171, 194

Complementary

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



144, 192, 150



150, 144, 192

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.



213, 176, 216



144, 192, 150



152, 179, 234

Square

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



144, 192, 150



120, 162, 206



184, 184, 231



236, 172, 170

Rectangle

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



144, 192, 150



142, 180, 200



184, 184, 231



227, 172, 202

Sweetspot

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



144, 192, 150



230, 250, 233



192, 151, 144



112, 125, 114



252, 252, 252



125, 125, 125

Same Dimension

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



144, 192, 150



175, 250, 184



144, 192, 174



87, 97, 88



0, 161, 20



0, 33, 4

Inverse Universe

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



150, 144, 192



184, 175, 250



174, 144, 192



88, 87, 97



20, 0, 161



4, 0, 33

Previews

White Background



This preview shows how the RYB color 144, 192, 150 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, 192, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

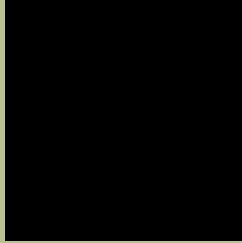
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

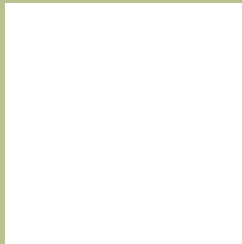
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 144, 192, 150 Background



This preview shows how black text looks on a background with the RYB color 144, 192, 150.

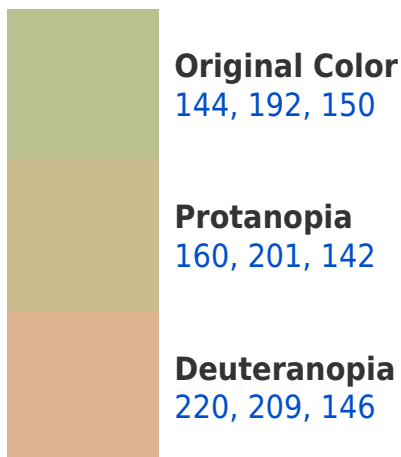



This preview shows how white text looks on a background with the RYB color 144, 192, 150.

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
193, 185, 199

Trichromacy



Original Color
144, 192, 150

Protanomaly
151, 196, 143

Deuteranomaly
184, 208, 145

Tritanomaly
181, 190, 179

Monochromacy



Original Color
144, 192, 150

Achromatopsia
185, 185, 185

Achromatomaly
170, 188, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 192, 150 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(186, 192, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 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(186, 192, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 192, 150 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(186, 192, 144) }
```

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

```
.border{ border-color:rgb(186, 192, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 192, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 192, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 144) }
```

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

```
.background{ background-color: rgb(186,  
192, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor