

Converting Colors

`RYB(143, 186, 132)`

Have a look what the booklet for
RYB(143, 186, 132) contains.

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Color

R_YB(143, 186, 132)

Conversions

Conversions Part 1

Format	Color
Hex	BAB184
RGB	186, 177, 132
RGB Percent	73%, 69%, 52%
CMY	0.2706, 0.3064, 0.4824
CMYK	0.00, 0.05, 0.29, 0.27
HSL	50°, 28%, 62%
HSV	50°, 29%, 73%
XYZ	40.1094, 43.4947, 28.1111
YIQ	174.5610, 19.8090, -12.0870

Conversions

Conversions Part 2

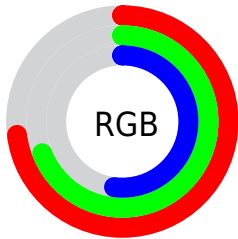
Format	Color
RYB	143, 186, 132
Decimal	12235140
CIELab	71.89, -3.80, 24.18
CIELCh	72, 24.479, 98.926
Yxy	43.4947, 0.3590, 0.3893
Android (android.graphics.Color)	4290425220 (0xFFBAB184)
YUV	174.5610, -20.9826, 10.0320
Hunter-Lab	65.9505, -6.8543, 20.8932

Details

The RYB color **143, 186, 132** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **132, 140, 186**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **197, 243, 185**, and **90, 132, 82** is the 20% darker color. If you saturate the color by 10%, you get **127, 186, 113**, and if you desaturate by 10%, it is **158, 186, 151**.

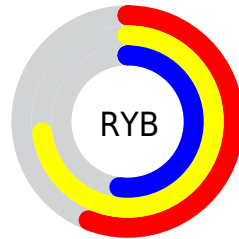
Distribution



Red (73%)

Green (69%)

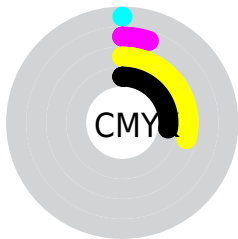
Blue (52%)



Red (56%)

Yellow (73%)

Blue (52%)

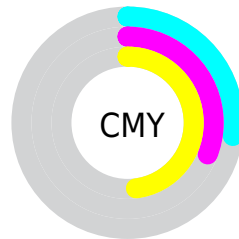


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 186, 132 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 143, 186, 132 by changing the saturation by 10% instead.

 143, 186, 132

255, 255, 255


 199, 243, 185

 213, 255, 213

 242, 255, 242


 143, 186, 132

 118, 159, 107

 92, 132, 82

 66, 106, 59

 42, 81, 36

 21, 58, 15

 5, 36, 0

 0, 10, 9

 0, 0, 0

 143, 186, 132

 143, 186, 132

■ 127, 186, 113

■ 158, 186, 151

■ 113, 186, 95

■ 173, 186, 169

■ 99, 186, 76

■ 186, 186, 188

■ 85, 186, 58

■ 186, 189, 206

■ 69, 186, 39

■ 186, 192, 225

■ 54, 186, 20

■ 186, 195, 244

■ 39, 186, 2

■ 186, 197, 255

■ 37, 186, 0

■ 186, 199, 255

■ 186, 201, 255

Harmonies

Analogous

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



207, 199, 135



143, 186, 132



141, 183, 163

Triad

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



143, 186, 132



112, 153, 203



211, 162, 193

Complementary

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



143, 186, 132



132, 140, 186

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.



188, 168, 211



143, 186, 132



129, 162, 217

Square

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



143, 186, 132



116, 154, 189



158, 172, 220



221, 160, 170

Rectangle

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



143, 186, 132



144, 179, 186



158, 172, 220



204, 164, 200

Sweetspot

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



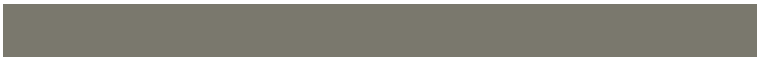
143, 186, 132



223, 242, 220



186, 132, 142



111, 122, 109



250, 250, 250



122, 122, 122

Same Dimension

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



143, 186, 132



174, 242, 157



132, 186, 149



86, 92, 83



33, 156, 0



6, 28, 0

Inverse Universe

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



132, 140, 186



157, 170, 242



149, 132, 186



83, 84, 92



0, 22, 156



0, 4, 28

Previews

White Background



This preview shows how the RYB color 143, 186, 132 looks on a white background.

Color Contrast Check

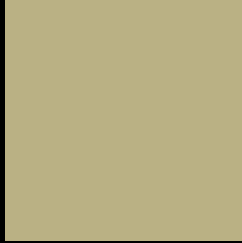
Large Text (above 18pt) WCAG AA × Fail

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 143, 186, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

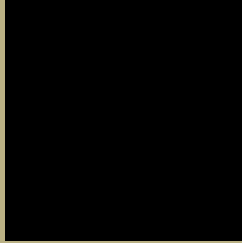
Any Text WCAG AA ✓ Pass

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 143, 186, 132 Background



This preview shows how black text looks on a background with the RYB color 143, 186, 132.



This preview shows how white text looks on a background with the RYB color 143, 186, 132.

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

143, 186, 132

Protanopia

149, 189, 132

Deuteranopia

207, 201, 134



Tritanopia
192, 170, 183

Trichromacy



Original Color

143, 186, 132

Protanomaly

147, 188, 132

Deuteranomaly

179, 199, 133

Tritanomaly

190, 176, 164

Monochromacy



Original Color

143, 186, 132

Achromatopsia

174, 174, 174

Achromatomaly

163, 178, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 186, 132 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, 177, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 132)  
}
```

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, 177, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 132) }
```

Border

The CSS property to change the border of an element to RYB 143, 186, 132 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, 177, 132) }
```

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

```
.border{ border-color:rgb(186, 177, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 177, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 143, 186, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 132) }
```

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

```
.background{ background-color: rgb(186,  
177, 132) }
```

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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