

Converting Colors

`RYB(175, 185, 143)`

Have a look what the booklet for
RYB(175, 185, 143) contains.

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Color

R_YB(175, 185, 143)

Conversions

Conversions Part 1

Format	Color
Hex	B9A78F
RGB	185, 167, 143
RGB Percent	73%, 65%, 56%
CMY	0.2745, 0.3457, 0.4392
CMYK	0.00, 0.10, 0.23, 0.27
HSL	34°, 23%, 64%
HSV	34°, 23%, 73%
XYZ	38.7545, 39.8755, 31.6408
YIQ	169.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

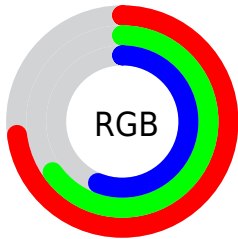
Format	Color
RYB	175, 185, 143
Decimal	12167055
CIELab	69.38, 2.74, 14.74
CIELCh	69, 14.989, 79.452
Yxy	39.8755, 0.3514, 0.3616
Android (android.graphics.Color)	4290357135 (0xFFB9A78F)
YUV	169.6460, -13.1365, 13.4655
Hunter-Lab	63.1471, -0.9586, 14.4948

Details

The RYB color **175, 185, 143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **143, 156, 185**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **230, 241, 197**, and **121, 131, 93** is the 20% darker color. If you saturate the color by 10%, you get **171, 185, 125**, and if you desaturate by 10%, it is **180, 185, 162**.

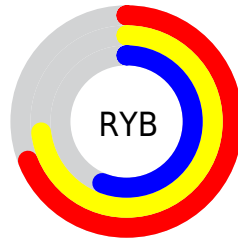
Distribution



Red (73%)

Green (65%)

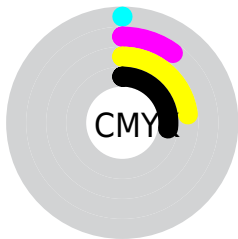
Blue (56%)



Red (69%)

Yellow (73%)

Blue (56%)

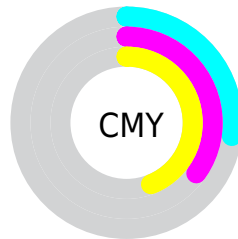


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 185, 143 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 175, 185, 143 by changing the saturation by 10% instead.

 175, 185, 143

255, 255, 255


 230, 241, 197


 231, 255, 225


253, 255, 253

 175, 185, 143

 149, 158, 117

 121, 131, 93

 97, 106, 69

 71, 81, 47

 48, 58, 26

 20, 37, 0

 0, 0, 0

 175, 185, 143


 171, 185, 125

 175, 185, 143

 180, 185, 162

 166, 185, 106


 183, 185, 180

 162, 185, 88


 185, 189, 199

 157, 185, 69


 185, 195, 217

 153, 185, 51

 185, 200, 236

 148, 185, 32

 185, 206, 254

 144, 185, 14

 185, 210, 255

 141, 185, 0

 185, 213, 255

 185, 215, 255

Harmonies

Analogous

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



195, 169, 149



175, 185, 143



144, 171, 144

Triad

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



175, 185, 143



134, 156, 178



182, 163, 187

Complementary

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



175, 185, 143



143, 156, 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.



166, 168, 195



175, 185, 143



137, 159, 190

Square

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



175, 185, 143



142, 163, 177



149, 164, 196



194, 160, 175

Rectangle

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



175, 185, 143



148, 174, 162



149, 164, 196



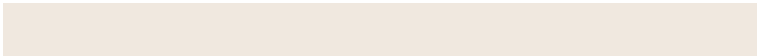
177, 165, 190

Sweetspot

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



175, 185, 143



238, 240, 223



185, 143, 161



117, 120, 110



247, 247, 247



120, 120, 120

Same Dimension

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



175, 185, 143



224, 240, 175



143, 185, 146



90, 92, 83



121, 156, 0



21, 28, 0

Inverse Universe

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



143, 156, 185



175, 195, 240



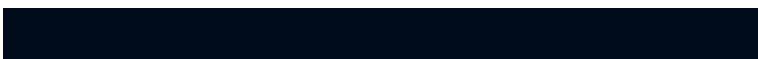
146, 143, 185



83, 86, 92



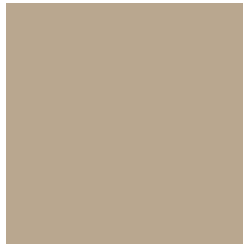
0, 47, 156



0, 8, 28

Previews

White Background



This preview shows how the RYB color 175, 185, 143 looks on a white background.

Color Contrast Check

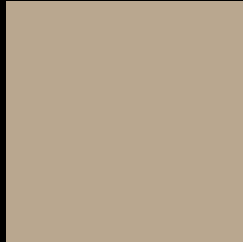
Large Text (above 18pt) WCAG AA × Fail

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 175, 185, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

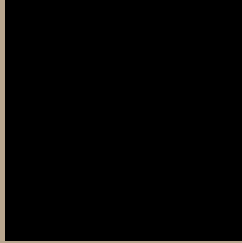
Any Text WCAG AA ✓ Pass

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 175, 185, 143 Background



This preview shows how black text looks on a background with the RYB color 175, 185, 143.



This preview shows how white text looks on a background with the RYB color 175, 185, 143.

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


175, 185, 143

Protanopia

156, 178, 144

Deuteranopia

195, 174, 144



Tritanopia
189, 162, 175

Trichromacy



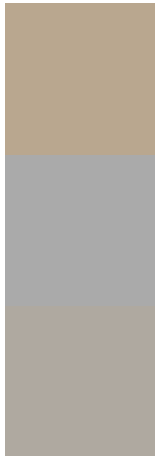
Original Color
175, 185, 143

Protanomaly
164, 181, 144

Deuteranomaly
191, 179, 144

Tritanomaly
188, 164, 163

Monochromacy



Original Color
175, 185, 143

Achromatopsia
170, 170, 170

Achromatomaly
170, 175, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 185, 143 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(185, 167, 143) looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 143)  
}
```

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(185, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 143) }
```

Border

The CSS property to change the border of an element to RYB 175, 185, 143 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(185, 167, 143) }
```

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

```
.border{ border-color:rgb(185, 167, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 167, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 143);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 175, 185, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 143) }
```

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

```
.background{ background-color: rgb(185,  
167, 143) }
```

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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