

Converting Colors

`RYB(147, 170, 141)`

Have a look what the booklet for
RYB(147, 170, 141) contains.

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Color

$\text{RYB}(147, 170, 141)$

Conversions

Conversions Part 1

Format	Color
Hex	AAA58D
RGB	170, 165, 141
RGB Percent	67%, 65%, 55%
CMY	0.3333, 0.3528, 0.4471
CMYK	0.00, 0.03, 0.17, 0.33
HSL	50°, 15%, 61%
HSV	50°, 17%, 67%
XYZ	34.8456, 37.3897, 30.5797
YIQ	163.7590, 10.6840, -6.4040

Conversions

Conversions Part 2

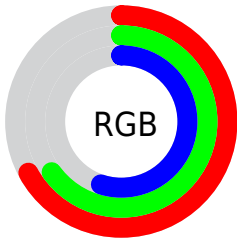
Format	Color
RYB	147, 170, 141
Decimal	11183501
CIELab	67.57, -2.35, 13.11
CIELCh	68, 13.318, 100.181
Yxy	37.3897, 0.3389, 0.3637
Android (android.graphics.Color)	4289373581 (0xFFAAA58D)
YUV	163.7590, -11.2202, 5.4734
Hunter-Lab	61.1471, -5.2867, 13.1521

Details

The RYB color **147, 170, 141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **141, 145, 170**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **201, 225, 195**, and **97, 118, 91** is the 20% darker color. If you saturate the color by 10%, you get **134, 170, 124**, and if you desaturate by 10%, it is **160, 170, 158**.

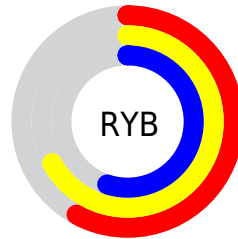
Distribution



Red (67%)

Green (65%)

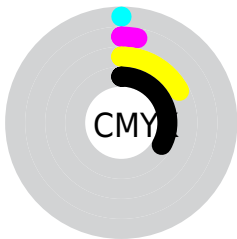
Blue (55%)



Red (58%)

Yellow (67%)

Blue (55%)

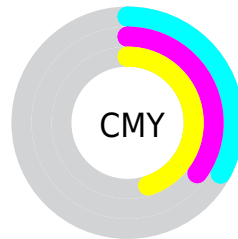


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 170, 141 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 147, 170, 141 by changing the saturation by 10% instead.

 147, 170, 141


255, 255, 255

 201, 225, 195

 230, 254, 223

 251, 255, 251

 147, 170, 141

 120, 143, 115

 97, 118, 91

 72, 93, 67

 48, 69, 45


 26, 46, 24


 5, 27, 0

 0, 0, 0

 147, 170, 141

 134, 170, 124

 147, 170, 141

 160, 170, 158

■ 120, 170, 107

■ 170, 171, 175

■ 107, 170, 90

■ 170, 173, 192

■ 94, 170, 73

■ 170, 176, 209

■ 80, 170, 56

■ 170, 178, 226

■ 65, 170, 39

■ 170, 181, 243

■ 52, 170, 22

■ 170, 183, 255

■ 39, 170, 5

■ 170, 185, 255

■ 35, 170, 0

■ 170, 187, 255

Harmonies

Analogous

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



182, 178, 142



147, 170, 141



146, 169, 159

Triad

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



147, 170, 141



135, 155, 180



184, 157, 173

Complementary

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



147, 170, 141



141, 145, 170

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.



172, 160, 183



147, 170, 141



143, 159, 187

Square

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



147, 170, 141



135, 155, 172



157, 163, 188



190, 156, 161

Rectangle

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



147, 170, 141



147, 166, 170



157, 163, 188



180, 158, 177

Sweetspot

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



147, 170, 141



213, 222, 211



170, 141, 146



106, 112, 105



240, 240, 240



112, 112, 112

Same Dimension

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



147, 170, 141



187, 222, 177



141, 170, 150



77, 84, 76



30, 148, 0



4, 20, 0

Inverse Universe

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



141, 145, 170



177, 184, 222



150, 141, 170



76, 77, 84



0, 21, 148



0, 3, 20

Previews

White Background



This preview shows how the RYB color 147, 170, 141 looks on a white background.

Color Contrast Check

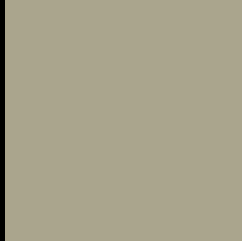
Large Text (above 18pt) WCAG AA × Fail

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 147, 170, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

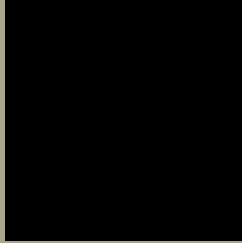
Any Text WCAG AA ✓ Pass

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 147, 170, 141 Background



This preview shows how black text looks on a background with the RYB color 147, 170, 141.



This preview shows how white text looks on a background with the RYB color 147, 170, 141.

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


147, 170, 141

Protanopia

154, 173, 141

Deuteranopia

188, 167, 142



Tritanopia
174, 160, 173

Trichromacy



Original Color

147, 170, 141

Protanomaly

152, 172, 141

Deuteranomaly

181, 179, 142

Tritanomaly

173, 162, 161

Monochromacy



Original Color

147, 170, 141

Achromatopsia

164, 164, 164

Achromatomaly

159, 166, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 170, 141 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(170, 165, 141) looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 141)  
}
```

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(170, 165, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 141) }
```

Border

The CSS property to change the border of an element to RYB 147, 170, 141 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(170, 165, 141) }
```

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

```
.border{ border-color:rgb(170, 165, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 141);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 147, 170, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 141) }
```

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

```
.background{ background-color: rgb(170,  
165, 141) }
```

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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