

Converting Colors

`RYB(147, 171, 145)`

Have a look what the booklet for
RYB(147, 171, 145) contains.

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Color

R_YB(147, 171, 145)

Conversions

Conversions Part 1

Format	Color
Hex	ABA991
RGB	171, 169, 145
RGB Percent	67%, 66%, 57%
CMY	0.3294, 0.3367, 0.4314
CMYK	0.00, 0.01, 0.15, 0.33
HSL	56°, 13%, 62%
HSV	56°, 15%, 67%
XYZ	36.1200, 39.1314, 32.4374
YIQ	166.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

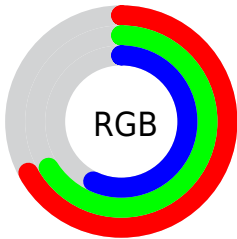
Format	Color
RYB	147, 171, 145
Decimal	11250065
CIELab	68.85, -3.55, 12.71
CIElCh	69, 13.199, 105.612
Yxy	39.1314, 0.3354, 0.3634
Android (android.graphics.Color)	4289440145 (0xFFABA991)
YUV	166.8620, -10.7780, 3.6290
Hunter-Lab	62.5551, -6.4036, 13.0442

Details

The RYB color **147, 171, 145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 147, 171**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **201, 226, 199**, and **97, 119, 95** is the 20% darker color. If you saturate the color by 10%, you get **131, 171, 128**, and if you desaturate by 10%, it is **163, 171, 162**.

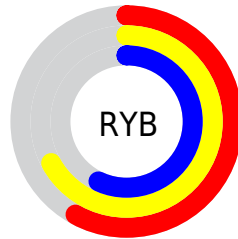
Distribution



Red (67%)

Green (66%)

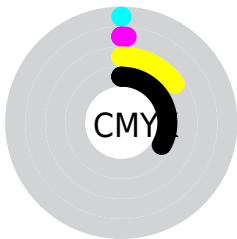
Blue (57%)



Red (58%)

Yellow (67%)

Blue (57%)

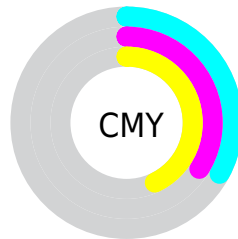


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 171, 145 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, 171, 145 by changing the saturation by 10% instead.


 147, 171, 145

255, 255, 255

 201, 226, 199

 229, 255, 227

 147, 171, 145

 120, 144, 119

 97, 119, 95


 72, 94, 71


 49, 70, 48


 27, 47, 27

 3, 28, 1

 0, 0, 0

 147, 171, 145

 131, 171, 128

 147, 171, 145

 163, 171, 162

■ 115, 171, 111

■ 171, 172, 179

■ 101, 171, 94

■ 171, 173, 196

■ 85, 171, 77

■ 171, 174, 213

■ 69, 171, 60

■ 171, 175, 230

■ 52, 171, 42

■ 171, 176, 248

■ 36, 171, 25

■ 171, 177, 255

■ 21, 171, 8

■ 171, 178, 255

■ 13, 171, 0

■ 171, 179, 255

Harmonies

Analogous

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



179, 183, 145



147, 171, 145



151, 173, 167

Triad

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



147, 171, 145



139, 159, 185



189, 160, 174

Complementary

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



147, 171, 145



145, 147, 171

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.



178, 163, 185



147, 171, 145



149, 163, 191

Square

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



147, 171, 145



138, 157, 175



163, 167, 191



194, 160, 162

Rectangle

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



147, 171, 145



149, 167, 174



163, 167, 191



186, 161, 178

Sweetspot

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



147, 171, 145



212, 222, 211



171, 145, 147



105, 112, 105



240, 240, 240



112, 112, 112

Same Dimension

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



147, 171, 145



185, 222, 182



145, 171, 156



79, 87, 78



11, 150, 0



2, 23, 0

Inverse Universe

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



145, 147, 171



182, 185, 222



156, 145, 171



78, 79, 87



0, 10, 150



0, 2, 23

Previews

White Background



This preview shows how the RYB color 147, 171, 145 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, 171, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

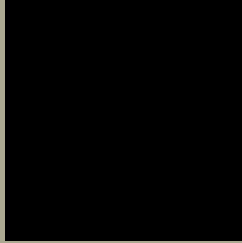
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

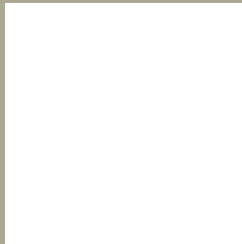
Any Text WCAG AAA ✓ Pass

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

RYB 147, 171, 145 Background



This preview shows how black text looks on a background with the RYB color 147, 171, 145.



This preview shows how white text looks on a background with the RYB color 147, 171, 145.

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, 171, 145

Protanopia
157, 176, 144

Deuteranopia
192, 171, 146



Tritanopia

175, 165, 177

Trichromacy



Original Color

147, 171, 145

Protanomaly

152, 174, 144

Deuteranomaly

184, 184, 146

Tritanomaly

174, 168, 165

Monochromacy



Original Color

147, 171, 145

Achromatopsia

167, 167, 167

Achromatomaly

159, 168, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 171, 145 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(171, 169, 145) looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 145)  
}
```

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(171, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 145) }
```

Border

The CSS property to change the border of an element to RYB 147, 171, 145 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(171, 169, 145) }
```

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

```
.border{ border-color:rgb(171, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 145);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 147, 171, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 145) }
```

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

```
.background{ background-color: rgb(171,  
169, 145) }
```

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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