

Converting Colors

`RYB(164, 171, 145)`

Have a look what the booklet for
RYB(164, 171, 145) contains.

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Color

RYB(164, 171, 145)

Conversions

Conversions Part 1

Format	Color
Hex	ABA091
RGB	171, 160, 145
RGB Percent	67%, 63%, 57%
CMY	0.3294, 0.3725, 0.4314
CMYK	0.00, 0.06, 0.15, 0.33
HSL	35°, 13%, 62%
HSV	35°, 15%, 67%
XYZ	34.4801, 35.8516, 31.8908
YIQ	161.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

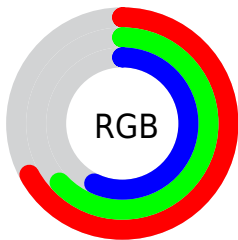
Format	Color
RYB	164, 171, 145
Decimal	11247761
CIELab	66.41, 1.40, 9.26
CIELCh	66, 9.365, 81.408
Yxy	35.8516, 0.3373, 0.3507
Android (android.graphics.Color)	4289437841 (0xFFABA091)
YUV	161.5790, -8.1734, 8.2622
Hunter-Lab	59.8762, -1.9930, 10.3347

Details

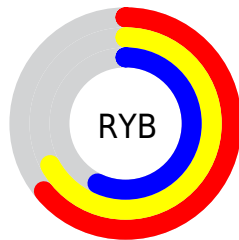
The RYB color **164, 171, 145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 153, 171**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **218, 226, 199**, and **112, 119, 95** is the 20% darker color. If you saturate the color by 10%, you get **159, 171, 128**, and if you desaturate by 10%, it is **169, 171, 162**.

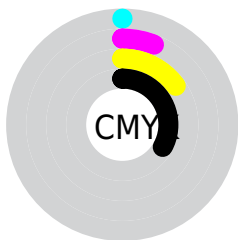
Distribution



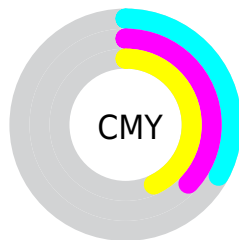
- Red (67%)
- Green (63%)
- Blue (57%)



- Red (64%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (33%)



- Cyan (33%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 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 164, 171, 145 by changing the saturation by 10% instead.

 164, 171, 145

255, 255, 255

 218, 226, 199

 248, 255, 227

 164, 171, 145

 136, 144, 119

 112, 119, 95


 89, 94, 71

 65, 70, 49


 39, 47, 28

 15, 28, 1

 0, 0, 0

 164, 171, 145

 159, 171, 128

 164, 171, 145

 169, 171, 162

■ 154, 171, 111

■ 171, 173, 179

■ 152, 171, 94

■ 171, 179, 196

■ 147, 171, 77

■ 171, 184, 213

■ 142, 171, 60

■ 171, 189, 230

■ 135, 171, 42

■ 171, 194, 248

■ 133, 171, 25

■ 171, 198, 255

■ 128, 171, 8

■ 171, 201, 255

■ 124, 171, 0

■ 171, 204, 255

Harmonies

Analogous

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



178, 162, 149



164, 171, 145



146, 163, 147

Triad

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



164, 171, 145



141, 154, 167



170, 158, 172

Complementary

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



164, 171, 145



145, 153, 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.



160, 160, 177



164, 171, 145



143, 156, 174

Square

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



164, 171, 145



144, 157, 166



150, 159, 178



177, 156, 164

Rectangle

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



164, 171, 145



149, 164, 158



150, 159, 178



167, 158, 174

Sweetspot

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



164, 171, 145



220, 222, 211



171, 145, 156



110, 112, 105



240, 240, 240



112, 112, 112

Same Dimension

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



164, 171, 145



212, 222, 182



145, 171, 147



85, 87, 78



109, 150, 0



18, 23, 0

Inverse Universe

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



145, 153, 171



182, 194, 222



147, 145, 171



78, 81, 87



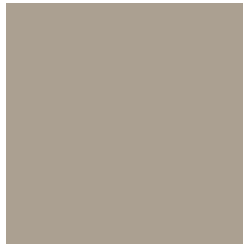
0, 45, 150



0, 7, 23

Previews

White Background



This preview shows how the RYB color 164, 171, 145 looks on a white background.

Color Contrast Check

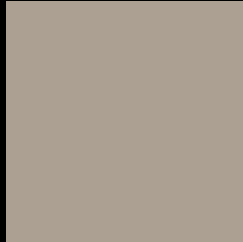
Large Text (above 18pt) WCAG AA × Fail

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 164, 171, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

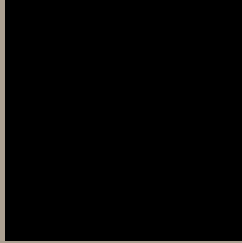
Any Text WCAG AA ✓ Pass

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 164, 171, 145 Background



This preview shows how black text looks on a background with the RYB color 164, 171, 145.

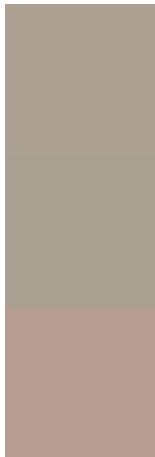


This preview shows how white text looks on a background with the RYB color 164, 171, 145.

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
164, 171, 145

Protanopia
155, 168, 145

Deuteranopia
183, 160, 146



Tritanopia

174, 157, 169

Trichromacy



Original Color

164, 171, 145

Protanomaly

157, 169, 145

Deuteranomaly

179, 163, 146

Tritanomaly

173, 158, 160

Monochromacy



Original Color

164, 171, 145

Achromatopsia

162, 162, 162

Achromatomaly

163, 165, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 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, 160, 145)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 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, 160, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 145) }
```

Border

The CSS property to change the border of an element to RYB 164, 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, 160, 145) }
```

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

```
.border{ border-color:rgb(171, 160, 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, 160, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 145);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 164, 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, 160, 145) }
```

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

```
.background{ background-color: rgb(171,  
160, 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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