

Converting Colors

`RYB(174, 179, 152)`

Have a look what the booklet for
RYB(174, 179, 152) contains.

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Color

R_YB(174, 179, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B3A798
RGB	179, 167, 152
RGB Percent	70%, 65%, 60%
CMY	0.2980, 0.3456, 0.4039
CMYK	0.00, 0.07, 0.15, 0.30
HSL	33°, 15%, 65%
HSV	33°, 15%, 70%
XYZ	38.0542, 39.4433, 35.3134
YIQ	168.8780, 11.9670, -2.1210

Conversions

Conversions Part 2

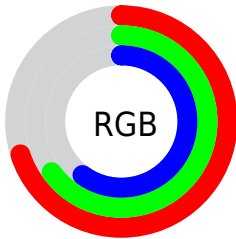
Format	Color
RYB	174, 179, 152
Decimal	11773848
CIELab	69.07, 1.83, 9.26
CIELCh	69, 9.442, 78.816
Yxy	39.4433, 0.3373, 0.3496
Android (android.graphics.Color)	4289963928 (0xFFB3A798)
YUV	168.8780, -8.3209, 8.8770
Hunter-Lab	62.8039, -1.7499, 10.6251

Details

The RYB color **174, 179, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 160, 179**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **230, 235, 206**, and **121, 126, 101** is the 20% darker color. If you saturate the color by 10%, you get **170, 179, 134**, and if you desaturate by 10%, it is **177, 179, 170**.

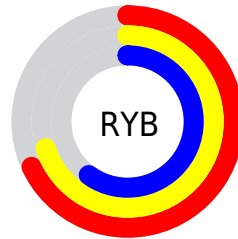
Distribution



Red (70%)

Green (65%)

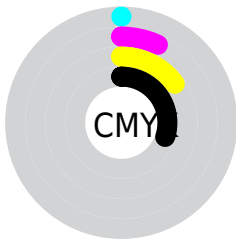
Blue (60%)



Red (68%)

Yellow (70%)

Blue (60%)

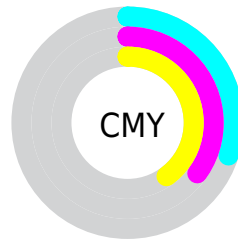


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (30%)



Cyan (30%)


Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 179, 152 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 174, 179, 152 by changing the saturation by 10% instead.

 174, 179, 152

255, 255, 255

 230, 235, 206

 239, 255, 234

 174, 179, 152

 145, 152, 126

 121, 126, 101


 94, 101, 77

 72, 77, 54


 49, 54, 33


 26, 33, 11

 0, 0, 0

 174, 179, 152


 170, 179, 134

 174, 179, 152


 177, 179, 170

 166, 179, 116

 179, 182, 188

 163, 179, 98


 179, 187, 206

 159, 179, 80


 179, 193, 224

 157, 179, 63

 179, 198, 242

 154, 179, 45

 179, 203, 255

 150, 179, 27

 179, 207, 255

 146, 179, 9

 179, 210, 255

 145, 179, 0

 179, 213, 255

Harmonies

Analogous

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



185, 167, 156



174, 179, 152



152, 170, 152

Triad

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



174, 179, 152



148, 161, 174



177, 165, 180

Complementary

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



174, 179, 152



152, 160, 179

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, 167, 185



174, 179, 152



149, 163, 181

Square

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



174, 179, 152



152, 166, 174



156, 165, 185



184, 163, 172

Rectangle

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



174, 179, 152



155, 171, 163



156, 165, 185



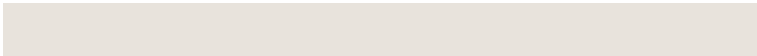
173, 166, 182

Sweetspot

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



174, 179, 152



229, 232, 220



179, 152, 164



115, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

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



174, 179, 152



225, 232, 190



152, 179, 153



87, 89, 80



126, 153, 0



22, 26, 0

Inverse Universe

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



152, 160, 179



190, 203, 232



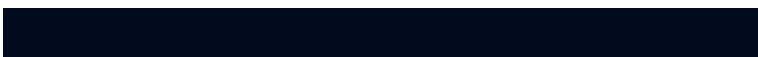
153, 152, 179



80, 83, 89



0, 48, 153



0, 8, 26

Previews

White Background



This preview shows how the RYB color 174, 179, 152 looks on a white background.

Color Contrast Check

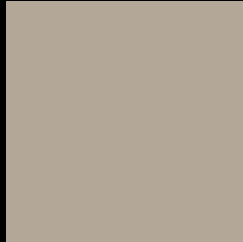
Large Text (above 18pt) WCAG AA × Fail

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 174, 179, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

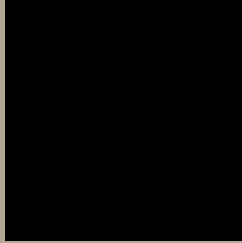
Any Text WCAG AA ✓ Pass

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 174, 179, 152 Background



This preview shows how black text looks on a background with the RYB color 174, 179, 152.



This preview shows how white text looks on a background with the RYB color 174, 179, 152.

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
174, 179, 152

Protanopia
163, 175, 153

Deuteranopia
191, 167, 153



Tritanopia
182, 163, 176

Trichromacy



Original Color

174, 179, 152

Protanomaly

165, 176, 153

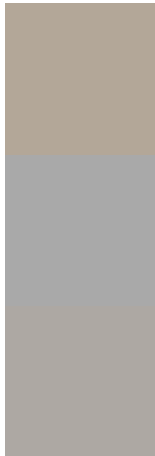
Deuteranomaly

187, 169, 153

Tritanomaly

181, 164, 167

Monochromacy



Original Color

174, 179, 152

Achromatopsia

169, 169, 169

Achromatomaly

173, 173, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 179, 152 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(179, 167, 152) looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 152)  
}
```

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(179, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 152) }
```

Border

The CSS property to change the border of an element to RYB 174, 179, 152 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(179, 167, 152) }
```

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

```
.border{ border-color:rgb(179, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(179, 167,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 174, 179, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 152) }
```

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

```
.background{ background-color: rgb(179,  
167, 152) }
```

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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