

Converting Colors

`RYB(174, 172, 167)`

Have a look what the booklet for
RYB(174, 172, 167) contains.

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Color

$\text{RYB}(174, 172, 167)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AEAAA7 |
| RGB | 174, 170, 167 |
| RGB Percent | 68%, 67%, 65% |
| CMY | 0.3176, 0.3337, 0.3451 |
| CMYK | 0.00, 0.02, 0.04, 0.32 |
| HSL | 25°, 4%, 67% |
| HSV | 25°, 4%, 68% |
| XYZ | 38.7897, 40.5069, 42.3334 |
| YIQ | 170.8540, 3.3470, -0.0850 |

Conversions

Conversions Part 2

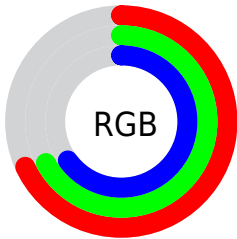
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 174, 172, 167 |
| Decimal | 11446951 |
| CIELab | 69.83, 0.92, 2.01 |
| CIELCh | 70, 2.211, 65.303 |
| Yxy | 40.5069, 0.3189, 0.3330 |
| Android (android.graphics.Color) | 4289637031 (0xFFAEAAA7) |
| YUV | 170.8540, -1.9000, 2.7590 |
| Hunter-Lab | 63.6450, -2.5885, 5.1149 |

Details

The RYB color **174, 172, 167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167, 170, 174**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **229, 227, 222**, and **122, 120, 115** is the 20% darker color. If you saturate the color by 10%, you get **174, 167, 150**, and if you desaturate by 10%, it is **174, 178, 184**.

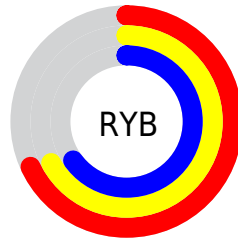
Distribution



Red (68%)

Green (67%)

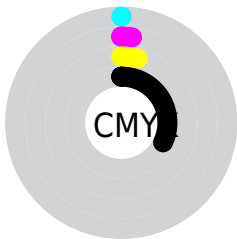
Blue (65%)



Red (68%)

Yellow (67%)

Blue (65%)

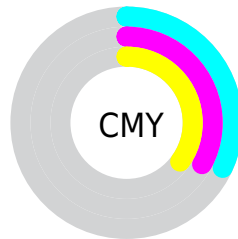


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (32%)



Cyan (32%)


Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 172, 167 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, 172, 167 by changing the saturation by 10% instead.


 174, 172, 167

255, 255, 255

 229, 227, 222


 252, 255, 251


 174, 172, 167

 147, 144, 141

 122, 120, 115


 97, 94, 91


 73, 73, 67


 51, 48, 45


 30, 30, 24


 0, 0, 0

 174, 172, 167


 174, 167, 150


 174, 172, 167


 174, 178, 184

 174, 164, 132

 174, 184, 202

 174, 155, 115

 174, 190, 219

 174, 152, 97

 174, 197, 237

 174, 147, 80


 174, 204, 254

 174, 142, 63

 174, 207, 255

 174, 138, 45

 174, 211, 255

 174, 133, 28

 174, 213, 255

 174, 129, 10

 174, 215, 255

Harmonies

Analogous

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



175, 169, 168



174, 172, 167



168, 172, 167

Triad

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



174, 172, 167



166, 169, 172



172, 170, 174

Complementary

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



174, 172, 167



167, 170, 174

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.



169, 171, 175



174, 172, 167



166, 169, 173

Square

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



174, 172, 167



167, 171, 172



167, 170, 174



174, 169, 172

Rectangle

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



174, 172, 167



167, 171, 168



167, 170, 174



171, 170, 174

Sweetspot

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



174, 172, 167



227, 227, 225



174, 167, 171



115, 114, 114



242, 242, 242



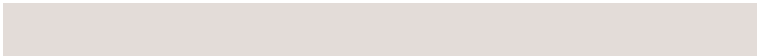
115, 115, 115

Same Dimension

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



174, 172, 167



227, 222, 216



168, 174, 167



87, 87, 81



150, 109, 0



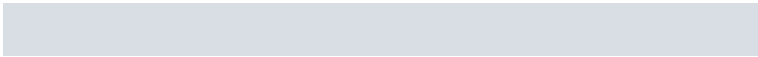
23, 18, 0

Inverse Universe

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



167, 170, 174



216, 220, 227



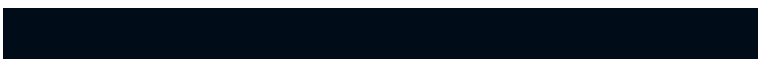
167, 168, 174



81, 83, 87



0, 55, 150



0, 8, 23

Previews

White Background



This preview shows how the RYB color 174, 172, 167 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, 172, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

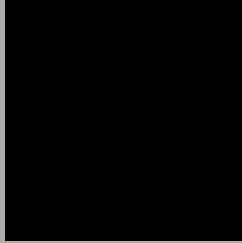
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

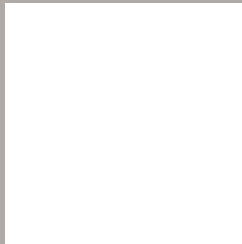
Any Text WCAG AAA ✓ Pass

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

RYB 174, 172, 167 Background



This preview shows how black text looks on a background with the RYB color 174, 172, 167.

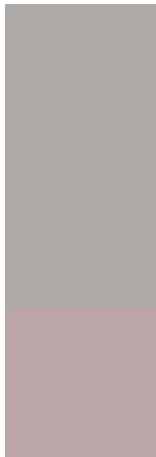


This preview shows how white text looks on a background with the RYB color 174, 172, 167.

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, 172, 167

Protanopia
174, 172, 167

Deuteranopia
188, 165, 168



Tritanopia
176, 168, 181

Trichromacy



Original Color

174, 172, 167

Protanomaly

174, 172, 167

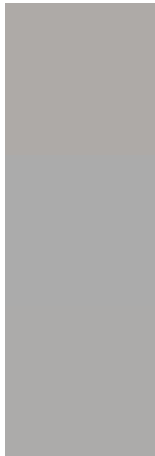
Deuteranomaly

183, 167, 168

Tritanomaly

175, 169, 176

Monochromacy



Original Color

174, 172, 167

Achromatopsia

171, 171, 171

Achromatomaly

172, 172, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 172, 167 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(174, 170, 167) looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 167)  
}
```

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(174, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 167) }
```

Border

The CSS property to change the border of an element to RYB 174, 172, 167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

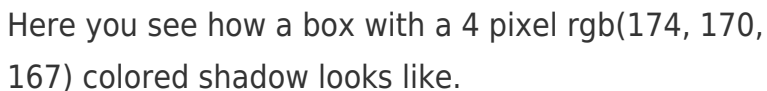
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 170, 167) }
```

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

```
.border{ border-color:rgb(174, 170, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 170, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 170, 167); box-shadow:4px 4px 4px 4px rgb(174, 170, 167) }
```

Background

The CSS property to change the background color of an element to RYB 174, 172, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 167) }
```

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

```
.background{ background-color: rgb(174,  
170, 167) }
```

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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