

Converting Colors

`RYB(175, 170, 152)`

Have a look what the booklet for
RYB(175, 170, 152) contains.

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Color

R_YB(175, 170, 152)

Conversions

Conversions Part 1

Format	Color
Hex	AFA298
RGB	175, 162, 152
RGB Percent	69%, 64%, 60%
CMY	0.3137, 0.3643, 0.4039
CMYK	0.00, 0.07, 0.13, 0.31
HSL	26°, 13%, 64%
HSV	26°, 13%, 69%
XYZ	36.2842, 37.2560, 34.9845
YIQ	164.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

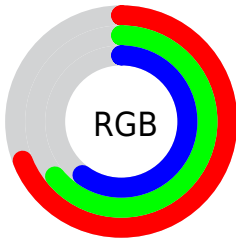
Format	Color
RYB	175, 170, 152
Decimal	11510424
CIELab	67.47, 2.93, 6.93
CIELCh	67, 7.524, 67.045
Yxy	37.2560, 0.3343, 0.3433
Android (android.graphics.Color)	4289700504 (0xFFAFA298)
YUV	164.7470, -6.2843, 8.9919
Hunter-Lab	61.0377, -0.7056, 8.7436

Details

The RYB color **175, 170, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 160, 175**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **231, 226, 206**, and **122, 117, 101** is the 20% darker color. If you saturate the color by 10%, you get **175, 165, 135**, and if you desaturate by 10%, it is **175, 173, 170**.

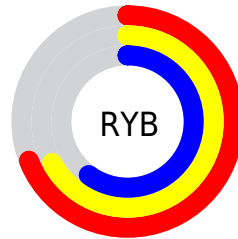
Distribution



Red (69%)

Green (64%)

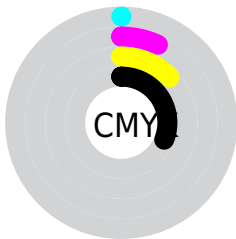
Blue (60%)



Red (69%)

Yellow (67%)

Blue (60%)

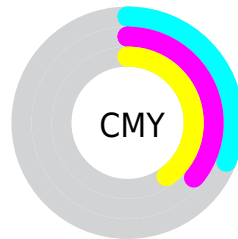


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (31%)



Cyan (31%)


Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 170, 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 175, 170, 152 by changing the saturation by 10% instead.

 175, 170, 152

255, 255, 255

 231, 226, 206

 253, 255, 234


 175, 170, 152

 148, 144, 126

 122, 120, 101

 97, 93, 77

 74, 70, 54

 51, 47, 33

 26, 30, 10

 0, 0, 0

 175, 170, 152


 175, 165, 135

 175, 170, 152


 175, 173, 170

 175, 161, 117


 175, 179, 187

 175, 161, 99


 175, 186, 205

 175, 155, 82


 175, 192, 222

 175, 150, 65


 175, 198, 240

 175, 147, 47

 175, 204, 255

 175, 141, 30

 175, 208, 255

 175, 141, 12

 175, 211, 255

 175, 138, 0

 175, 214, 255

Harmonies

Analogous

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



179, 161, 156



175, 170, 152



156, 168, 151

Triad

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



175, 170, 152



149, 159, 168



168, 162, 175

Complementary

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



175, 170, 152



152, 160, 175

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.



159, 163, 178



175, 170, 152



148, 159, 172

Square

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



175, 170, 152



153, 164, 168



152, 161, 177



175, 160, 170

Rectangle

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



175, 170, 152



152, 166, 155



152, 161, 177



165, 163, 176

Sweetspot

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



175, 170, 152



227, 225, 218



175, 152, 165



115, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



175, 170, 152



227, 220, 191



154, 175, 152



87, 85, 78



150, 118, 0



23, 18, 0

Inverse Universe

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



152, 160, 175



191, 204, 227



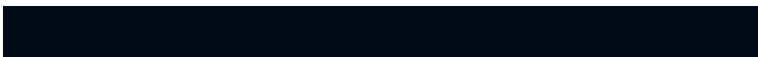
152, 154, 175



78, 81, 87



0, 54, 150



0, 8, 23

Previews

White Background



This preview shows how the RYB color 175, 170, 152 looks on a white background.

Color Contrast Check

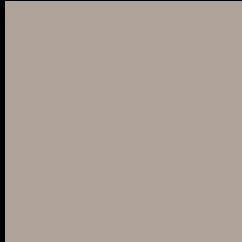
Large Text (above 18pt) WCAG AA × Fail

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 175, 170, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

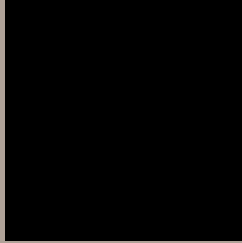
Any Text WCAG AA ✓ Pass

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 175, 170, 152 Background



This preview shows how black text looks on a background with the RYB color 175, 170, 152.



This preview shows how white text looks on a background with the RYB color 175, 170, 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


175, 170, 152

Protanopia

162, 170, 153

Deuteranopia

185, 160, 153



Tritanopia
178, 159, 172

Trichromacy



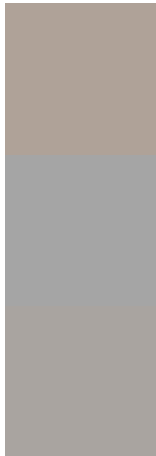
Original Color
175, 170, 152

Protanomaly
170, 172, 153

Deuteranomaly
181, 162, 153

Tritanomaly
177, 160, 165

Monochromacy



Original Color
175, 170, 152

Achromatopsia
165, 165, 165

Achromatomaly
169, 167, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 170, 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(175, 162, 152) looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 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(175, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 152) }
```

Border

The CSS property to change the border of an element to RYB 175, 170, 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(175, 162, 152) }
```

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

```
.border{ border-color:rgb(175, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 175, 170, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 152) }
```

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

```
.background{ background-color: rgb(175,  
162, 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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