

Converting Colors

`RYB(173, 171, 164)`

Have a look what the booklet for
RYB(173, 171, 164) contains.

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Color

RYB(173, 171, 164)

Conversions

Conversions Part 1

Format	Color
Hex	ADA8A4
RGB	173, 168, 164
RGB Percent	68%, 66%, 64%
CMY	0.3216, 0.3414, 0.3569
CMYK	0.00, 0.03, 0.05, 0.32
HSL	26°, 5%, 66%
HSV	26°, 5%, 68%
XYZ	37.9255, 39.5468, 40.7564
YIQ	169.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

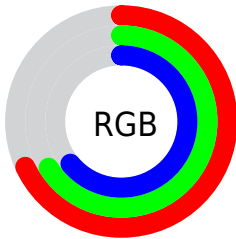
Format	Color
RYB	173, 171, 164
Decimal	11380900
CIELab	69.15, 1.10, 2.67
CIELCh	69, 2.882, 67.665
Yxy	39.5468, 0.3208, 0.3345
Android (android.graphics.Color)	4289570980 (0xFFADA8A4)
YUV	169.0390, -2.4842, 3.4738
Hunter-Lab	62.8862, -2.4008, 5.5947

Details

The RYB color **173, 171, 164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164, 167, 173**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **228, 226, 219**, and **121, 119, 112** is the 20% darker color. If you saturate the color by 10%, you get **173, 166, 147**, and if you desaturate by 10%, it is **173, 176, 181**.

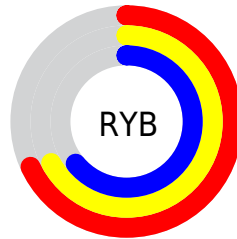
Distribution



Red (68%)

Green (66%)

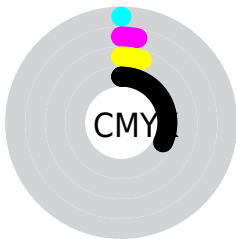
Blue (64%)



Red (68%)

Yellow (67%)

Blue (64%)

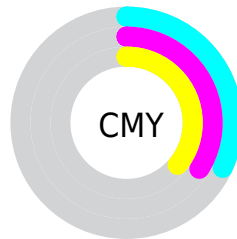


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 171, 164 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 173, 171, 164 by changing the saturation by 10% instead.

 173, 171, 164

255, 255, 255

 228, 226, 219

 252, 255, 247

 173, 171, 164

 146, 146, 138

 121, 119, 112


 96, 93, 88

 72, 70, 65

 50, 48, 43

 29, 27, 22

 0, 0, 0

 173, 171, 164

 173, 166, 147


 173, 171, 164


 173, 176, 181

 173, 162, 129


 173, 182, 199

 173, 160, 112


 173, 188, 216

 173, 155, 95


 173, 195, 233

 173, 150, 78


 173, 201, 251

 173, 150, 60

 173, 205, 255

 173, 145, 43

 173, 209, 255

 173, 139, 26

 173, 212, 255

 173, 136, 8

 173, 214, 255

Harmonies

Analogous

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



174, 167, 166



173, 171, 164



165, 170, 164

Triad

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



173, 171, 164



163, 167, 170



170, 168, 173

Complementary

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



173, 171, 164



164, 167, 173

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.



167, 169, 174



173, 171, 164



163, 167, 172

Square

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



173, 171, 164



165, 169, 170



164, 168, 173



173, 167, 171

Rectangle

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



173, 171, 164



164, 169, 165



164, 168, 173



169, 168, 173

Sweetspot

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



173, 171, 164



224, 224, 220



173, 164, 169



112, 112, 110



240, 240, 240



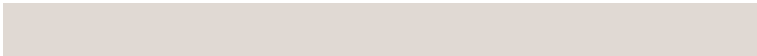
112, 112, 112

Same Dimension

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



173, 171, 164



224, 222, 211



165, 173, 164



87, 84, 81



150, 118, 0



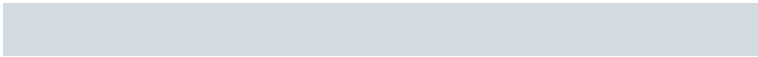
23, 18, 0

Inverse Universe

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



164, 167, 173



211, 216, 224



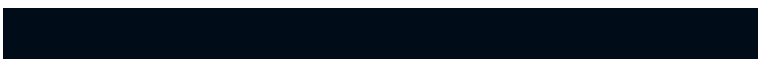
164, 165, 173



81, 83, 87



0, 54, 150



0, 8, 23

Previews

White Background



This preview shows how the RYB color 173, 171, 164 looks on a white background.

Color Contrast Check

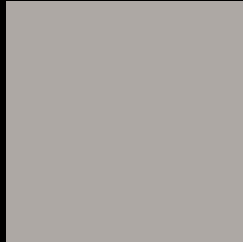
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 173, 171, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

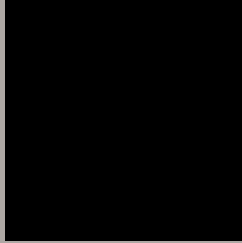
Any Text WCAG AA ✓ Pass

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 173, 171, 164 Background



This preview shows how black text looks on a background with the RYB color 173, 171, 164.



This preview shows how white text looks on a background with the RYB color 173, 171, 164.

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


173, 171, 164

Protanopia

173, 171, 164

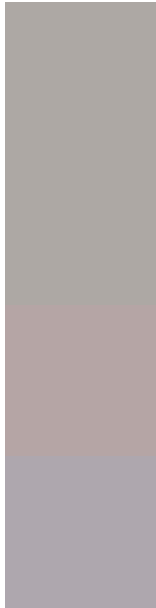
Deuteranopia

186, 163, 165



Tritanopia
175, 166, 179

Trichromacy



Original Color

173, 171, 164

Protanomaly

173, 171, 164

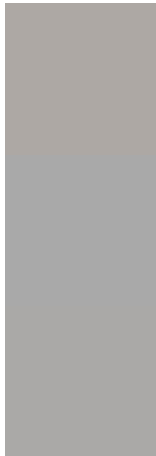
Deuteranomaly

181, 165, 165

Tritanomaly

174, 167, 174

Monochromacy



Original Color

173, 171, 164

Achromatopsia

169, 169, 169

Achromatomaly

169, 170, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 171, 164 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(173, 168, 164) looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 164)  
}
```

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(173, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 164) }
```

Border

The CSS property to change the border of an element to RYB 173, 171, 164 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(173, 168, 164) }
```

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

```
.border{ border-color:rgb(173, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 173, 171, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 164) }
```

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

```
.background{ background-color: rgb(173,  
168, 164) }
```

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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