

Converting Colors

`RYB(171, 149, 144)`

Have a look what the booklet for
RYB(171, 149, 144) contains.

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Color

RYB(171, 149, 144)

Conversions

Conversions Part 1

Format	Color
Hex	AB9490
RGB	171, 148, 144
RGB Percent	67%, 58%, 56%
CMY	0.3294, 0.4187, 0.4353
CMYK	0.00, 0.13, 0.16, 0.33
HSL	9°, 14%, 62%
HSV	9°, 16%, 67%
XYZ	32.4529, 31.9200, 30.8363
YIQ	154.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

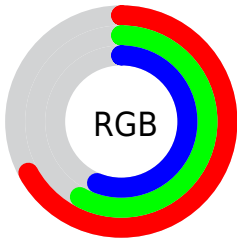
Format	Color
RYB	171, 149, 144
Decimal	11244688
CIELab	63.28, 7.76, 5.34
CIELCh	63, 9.421, 34.558
Yxy	31.9200, 0.3409, 0.3353
Android (android.graphics.Color)	4289434768 (0xFFAB9490)
YUV	154.4210, -5.1376, 14.5398
Hunter-Lab	56.4978, 3.6609, 7.1882

Details

The RYB color **171, 149, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 156, 171**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **227, 203, 198**, and **118, 97, 94** is the 20% darker color. If you saturate the color by 10%, you get **171, 135, 127**, and if you desaturate by 10%, it is **171, 164, 161**.

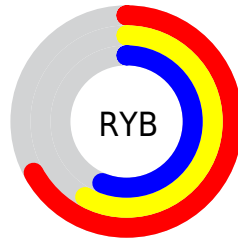
Distribution



Red (67%)

Green (58%)

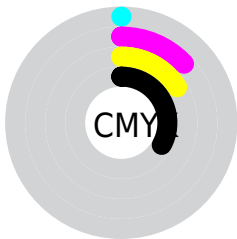
Blue (56%)



Red (67%)

Yellow (58%)

Blue (56%)

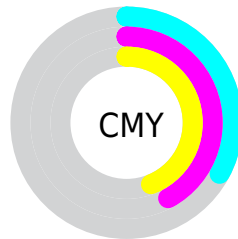


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 149, 144 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 171, 149, 144 by changing the saturation by 10% instead.


 171, 149, 144


255, 255, 255

 227, 203, 198

 255, 231, 226

254, 255, 254

 171, 149, 144

 144, 123, 118

 118, 99, 94


 94, 75, 70

 70, 51, 48


 47, 31, 27


 28, 6, 0


 0, 0, 0


 171, 149, 144


 171, 135, 127


 171, 149, 144

 171, 164, 161


 171, 121, 110

 171, 174, 178


 171, 107, 93


 171, 182, 195

 171, 94, 76

 171, 190, 212

 171, 79, 59

 171, 198, 229

 171, 66, 41

 171, 206, 247

 171, 51, 24

 171, 211, 255

 171, 38, 7

 171, 213, 255

 171, 32, 0

Harmonies

Analogous

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



171, 148, 152



171, 149, 144



167, 158, 138

Triad

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



171, 149, 144



140, 153, 157



146, 151, 170

Complementary

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



171, 149, 144



144, 156, 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.



137, 149, 168



171, 149, 144



134, 147, 158

Square

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



171, 149, 144



139, 156, 146



132, 146, 162



157, 151, 167

Rectangle

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



171, 149, 144



154, 162, 137



132, 146, 162



143, 151, 170

Sweetspot

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



171, 149, 144



222, 212, 211



171, 144, 167



112, 108, 105



240, 240, 240



112, 112, 112

Same Dimension

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



171, 149, 144



222, 187, 180



158, 171, 144



87, 79, 78



150, 29, 0



23, 5, 0

Inverse Universe

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



144, 156, 171



180, 199, 222



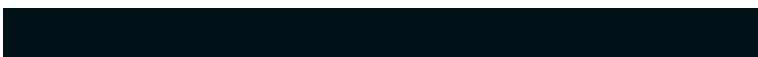
144, 151, 171



78, 82, 87



0, 69, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 171, 149, 144 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 171, 149, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

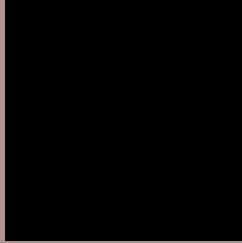
Any Text WCAG AA ✓ Pass

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 171, 149, 144 Background



This preview shows how black text looks on a background with the RYB color 171, 149, 144.



This preview shows how white text looks on a background with the RYB color 171, 149, 144.

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
171, 149, 144

Protanopia
155, 158, 146

Deuteranopia
172, 149, 144



Tritanopia
173, 146, 158

Trichromacy



Original Color

171, 149, 144

Protanomaly

163, 154, 145

Deuteranomaly

172, 149, 144

Tritanomaly

172, 147, 153

Monochromacy



Original Color

171, 149, 144

Achromatopsia

155, 155, 155

Achromatomaly

161, 154, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 149, 144 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, 148, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 148, 144)  
}
```

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, 148, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 148, 144) }
```

Border

The CSS property to change the border of an element to RYB 171, 149, 144 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, 148, 144) }
```

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

```
.border{ border-color:rgb(171, 148, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 148, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 148, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 148, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 148,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 171, 149, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 148, 144) }
```

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

```
.background{ background-color: rgb(171,  
148, 144) }
```

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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