

Converting Colors

`RYB(170, 175, 174)`

Have a look what the booklet for
RYB(170, 175, 174) contains.

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Color

RYB(170, 175, 174)

Conversions

Conversions Part 1

Format	Color
Hex	ABAFAA
RGB	171, 175, 170
RGB Percent	67%, 69%, 67%
CMY	0.3294, 0.3137, 0.3333
CMYK	0.02, 0.00, 0.03, 0.31
HSL	108°, 3%, 68%
HSV	108°, 3%, 69%
XYZ	39.3803, 42.2202, 44.1040
YIQ	173.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

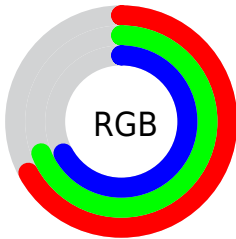
Format	Color
RYB	170, 175, 174
Decimal	11251626
CIELab	71.02, -2.35, 2.06
CIELCh	71, 3.122, 138.748
Yxy	42.2202, 0.3133, 0.3359
Android (android.graphics.Color)	4289441706 (0xFFABAFAA)
YUV	173.2340, -1.5944, -1.9592
Hunter-Lab	64.9770, -5.5273, 5.2401

Details

The RYB color **170, 175, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 170, 175**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **225, 231, 230**, and **118, 123, 122** is the 20% darker color. If you saturate the color by 10%, you get **153, 175, 171**, and if you desaturate by 10%, it is **185, 175, 187**.

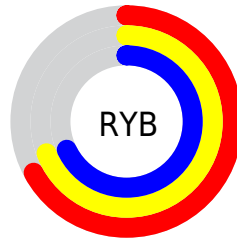
Distribution



Red (67%)

Green (69%)

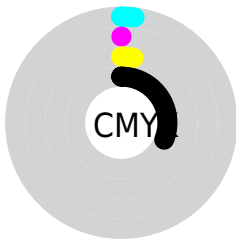
Blue (67%)



Red (67%)

Yellow (69%)

Blue (68%)

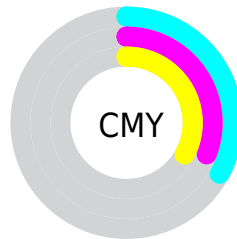


Cyan (2%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 175, 174 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 170, 175, 174 by changing the saturation by 10% instead.

■ 170, 175, 174

255, 255, 255

■ 225, 231, 230

254, 255, 254

■ 170, 175, 174

■ 144, 148, 147

■ 118, 123, 122

■ 93, 98, 97

■ 70, 74, 73

■ 47, 51, 50

■ 27, 30, 30

■ 0, 5, 5

■ 0, 0, 0

■ 170, 175, 174


■ 170, 175, 174


 153, 175, 171


 185, 175, 187

 135, 175, 167


 199, 175, 205


 118, 175, 164


 213, 175, 223

 100, 175, 160


 227, 175, 240


 83, 175, 157


 241, 175, 255

 65, 175, 153

 255, 175, 255

 47, 175, 149

 30, 175, 146

 12, 175, 142

Harmonies

Analogous

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



168, 174, 168



170, 175, 174



168, 173, 176

Triad

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



170, 175, 174



170, 173, 179



180, 172, 172

Complementary

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



170, 175, 174



174, 170, 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.



179, 172, 175



170, 175, 174



173, 173, 179

Square

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



170, 175, 174



168, 172, 178



177, 173, 178



180, 173, 170

Rectangle

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



170, 175, 174



167, 172, 176



177, 173, 178



180, 172, 173

Sweetspot

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



170, 175, 174



225, 227, 227



171, 175, 170



114, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



170, 175, 174



220, 227, 225



170, 174, 175



83, 87, 86



0, 150, 120



0, 23, 18

Inverse Universe

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



174, 170, 175



226, 220, 227



175, 170, 174



86, 83, 87



120, 0, 150



18, 0, 23

Previews

White Background



This preview shows how the RYB color 170, 175, 174 looks on a white background.

Color Contrast Check

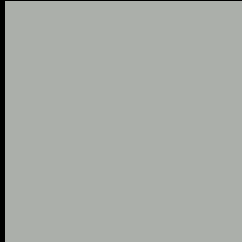
Large Text (above 18pt) WCAG AA × Fail

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 170, 175, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

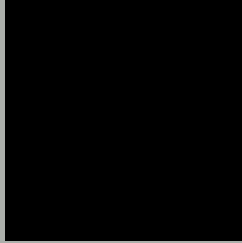
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

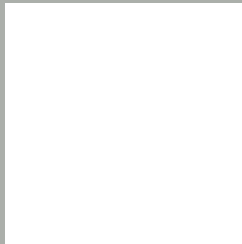
Any Text WCAG AAA ✓ Pass

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

RYB 170, 175, 174 Background



This preview shows how black text looks on a background with the RYB color 170, 175, 174.



This preview shows how white text looks on a background with the RYB color 170, 175, 174.

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
170, 175, 174

Protanopia
178, 176, 169

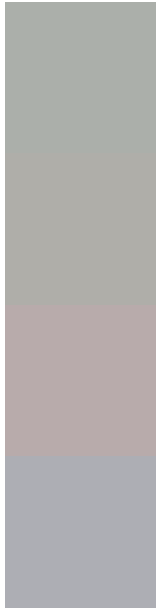
Deuteranopia
191, 168, 171



Tritanopia

174, 173, 186

Trichromacy



Original Color

170, 175, 174

Protanomaly

170, 175, 169

Deuteranomaly

184, 171, 171

Tritanomaly

173, 174, 180

Monochromacy



Original Color

170, 175, 174

Achromatopsia

173, 173, 173

Achromatomaly

172, 174, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 175, 174 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, 175, 170) looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 170)  
}
```

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, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 170) }
```

Border

The CSS property to change the border of an element to RYB 170, 175, 174 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, 175, 170) }
```

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

```
.border{ border-color:rgb(171, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 170, 175, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 170) }
```

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

```
.background{ background-color: rgb(171,  
175, 170) }
```

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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