

Converting Colors

`RYB(172, 171, 185)`

Have a look what the booklet for
RYB(172, 171, 185) contains.

RYB(172, 171, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(172, 171, 185)

Conversions

Conversions Part 1

Format	Color
Hex	ACABB9
RGB	172, 171, 185
RGB Percent	67%, 67%, 73%
CMY	0.3255, 0.3294, 0.2745
CMYK	0.07, 0.08, 0.00, 0.27
HSL	244°, 9%, 70%
HSV	244°, 8%, 73%
XYZ	40.3331, 41.3993, 51.7640
YIQ	172.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

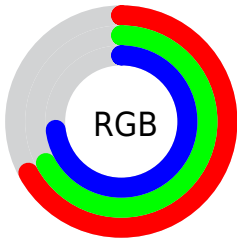
Format	Color
R _Y B	172, 171, 185
Decimal	11316153
CIE Lab	70.45, 3.08, -7.03
CIE LCh	70, 7.680, 293.660
Yxy	41.3993, 0.3021, 0.3101
Android (android.graphics.Color)	4289506233 (0xFFACABB9)
YUV	172.8950, 5.9678, -0.7849
Hunter-Lab	64.3423, -0.7057, -2.6598

Details

The RYB color **172, 171, 185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 185, 172**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **227, 226, 241**, and **120, 119, 132** is the 20% darker color. If you saturate the color by 10%, you get **155, 153, 185**, and if you desaturate by 10%, it is **185, 189, 185**.

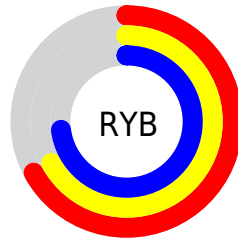
Distribution



Red (67%)

Green (67%)

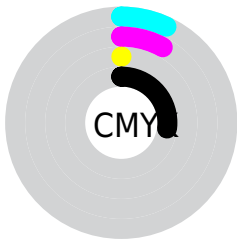
Blue (73%)



Red (67%)

Yellow (67%)

Blue (73%)

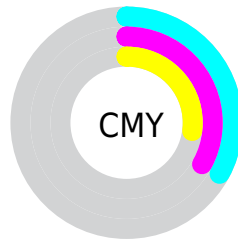


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 171, 185 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 172, 171, 185 by changing the saturation by 10% instead.

■ 172, 171, 185

255, 255, 255

■ 227, 226, 241

■ 172, 171, 185

■ 145, 145, 158

■ 120, 119, 132

■ 95, 94, 107

■ 71, 71, 83

■ 49, 48, 60

■ 28, 27, 38

■ 2, 0, 17

■ 0, 0, 0

■ 172, 171, 185

■ 172, 171, 185

■ 155, 153, 185

■ 185, 189, 185

■ 138, 134, 185

■ 185, 208, 187

■ 120, 115, 185

■ 185, 227, 188

■ 103, 97, 185

■ 185, 245, 189

■ 86, 78, 185

■ 185, 255, 185

■ 69, 60, 185

■ 52, 41, 185

■ 35, 23, 185

■ 17, 4, 185

Harmonies

Analogous

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



164, 170, 186



172, 171, 185



180, 169, 181

Triad

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



172, 171, 185



186, 173, 161



158, 169, 176

Complementary

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



172, 171, 185



171, 185, 172

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.



164, 175, 175



172, 171, 185



175, 180, 159

Square

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



172, 171, 185



188, 168, 167



159, 174, 161



155, 166, 178

Rectangle

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



172, 171, 185



184, 168, 176



159, 174, 161



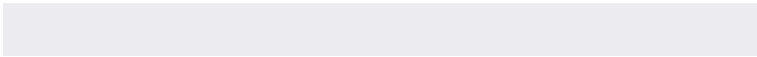
160, 171, 176

Sweetspot

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



172, 171, 185



235, 235, 240



171, 178, 185



118, 117, 120



247, 247, 247



120, 120, 120

Same Dimension

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



172, 171, 185



220, 218, 240



179, 171, 185



83, 83, 92



11, 0, 156



2, 0, 28

Inverse Universe

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



185, 171, 184



240, 218, 238



171, 185, 179



92, 83, 91



156, 0, 144



28, 0, 26

Previews

White Background



This preview shows how the RYB color 172, 171, 185 looks on a white background.

Color Contrast Check

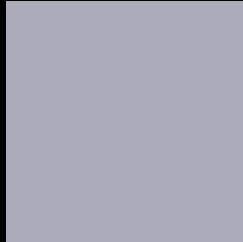
Large Text (above 18pt) WCAG AA × Fail

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 172, 171, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

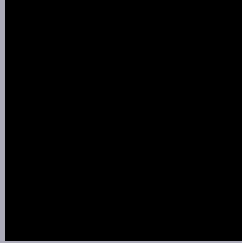
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

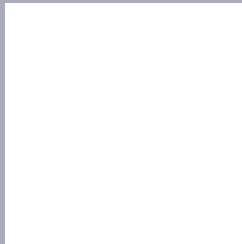
Any Text WCAG AAA ✓ Pass

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

RYB 172, 171, 185 Background



This preview shows how black text looks on a background with the RYB color 172, 171, 185.

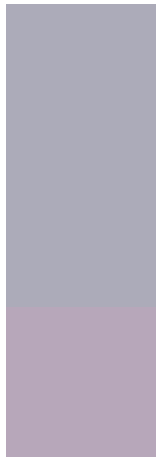


This preview shows how white text looks on a background with the RYB color 172, 171, 185.

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
172, 171, 185

Protanopia
172, 171, 185

Deuteranopia
183, 167, 186



Tritanopia
172, 171, 185

Trichromacy



Original Color

172, 171, 185

Protanomaly

172, 171, 185

Deuteranomaly

179, 168, 186

Tritanomaly

172, 171, 185

Monochromacy



Original Color

172, 171, 185

Achromatopsia

173, 173, 173

Achromatomaly

173, 172, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 171, 185 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(172, 171, 185) looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 185)  
}
```

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(172, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 185) }
```

Border

The CSS property to change the border of an element to RYB 172, 171, 185 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(172, 171, 185) }
```

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

```
.border{ border-color:rgb(172, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 172, 171, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 185) }
```

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

```
.background{ background-color: rgb(172,  
171, 185) }
```

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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