

Converting Colors

`RYB(167, 177, 175)`

Have a look what the booklet for
RYB(167, 177, 175) contains.

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Color

RYB(167, 177, 175)

Conversions

Conversions Part 1

Format	Color
Hex	A9B1A7
RGB	169, 177, 167
RGB Percent	66%, 69%, 65%
CMY	0.3373, 0.3059, 0.3451
CMYK	0.05, 0.00, 0.06, 0.31
HSL	108°, 6%, 67%
HSV	108°, 6%, 69%
XYZ	39.0594, 42.6693, 42.7366
YIQ	173.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

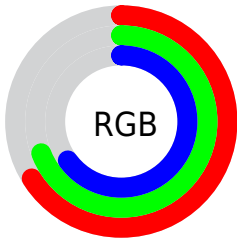
Format	Color
RYB	167, 177, 175
Decimal	11121063
CIELab	71.33, -4.69, 4.13
CIELCh	71, 6.251, 138.591
Yxy	42.6693, 0.3138, 0.3428
Android (android.graphics.Color)	4289311143 (0xFFA9B1A7)
YUV	173.4680, -3.1887, -3.9184
Hunter-Lab	65.3218, -7.5784, 6.9349

Details

The RYB color **167, 177, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 167, 177**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **222, 233, 231**, and **115, 124, 122** is the 20% darker color. If you saturate the color by 10%, you get **149, 177, 171**, and if you desaturate by 10%, it is **183, 177, 185**.

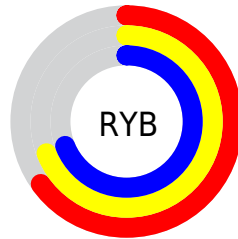
Distribution



Red (66%)

Green (69%)

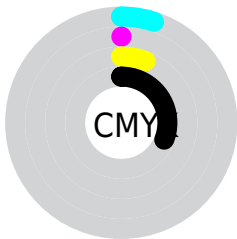
Blue (65%)



Red (65%)

Yellow (69%)

Blue (69%)

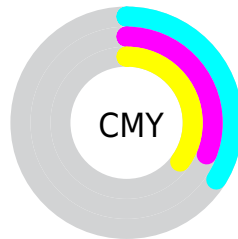


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 177, 175 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 167, 177, 175 by changing the saturation by 10% instead.

■ 167, 177, 175

255, 255, 255

■ 222, 233, 231

■ 251, 255, 253

■ 167, 177, 175

■ 141, 150, 148

■ 115, 124, 122

■ 91, 100, 99

■ 67, 76, 74

■ 45, 53, 51

■ 24, 32, 30

■ 0, 8, 8


■ 0, 0, 0

■ 167, 177, 175

■ 167, 177, 175


 149, 177, 171


 183, 177, 185

 132, 177, 168


 197, 177, 202


 114, 177, 164


 211, 177, 220

 96, 177, 161


 226, 177, 238

 79, 177, 158


 240, 177, 255

 61, 177, 154

 254, 177, 255

 43, 177, 150

 255, 177, 255

 25, 177, 146

 8, 177, 143

Harmonies

Analogous

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



165, 176, 164



167, 177, 175



164, 173, 178

Triad

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



167, 177, 175



167, 173, 186



187, 171, 171

Complementary

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



167, 177, 175



175, 167, 177

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.



185, 171, 177



167, 177, 175



173, 174, 185

Square

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



167, 177, 175



162, 171, 183



180, 172, 182



186, 175, 166

Rectangle

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



167, 177, 175



161, 170, 178



180, 172, 182



187, 171, 173

Sweetspot

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



167, 177, 175



225, 230, 229



170, 177, 167



112, 115, 114



242, 242, 242



115, 115, 115

Same Dimension

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



167, 177, 175



213, 230, 226



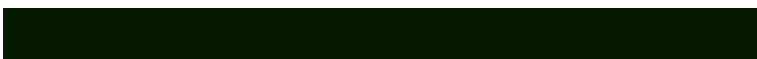
167, 175, 177



82, 89, 87



0, 153, 122



0, 26, 21

Inverse Universe

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



175, 167, 177



226, 213, 230



177, 167, 174



88, 82, 89



122, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RYB color 167, 177, 175 looks on a white background.

Color Contrast Check

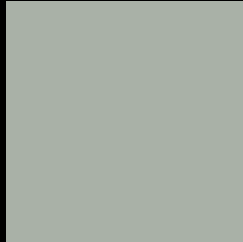
Large Text (above 18pt) WCAG AA × Fail

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 167, 177, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

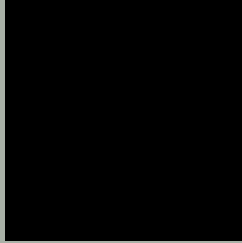
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

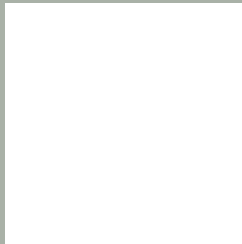
Any Text WCAG AAA ✓ Pass

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

RYB 167, 177, 175 Background



This preview shows how black text looks on a background with the RYB color 167, 177, 175.



This preview shows how white text looks on a background with the RYB color 167, 177, 175.

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

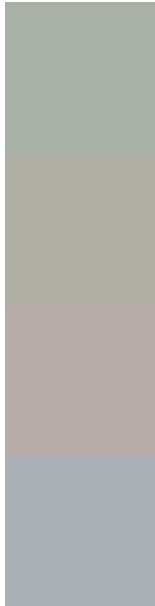




Tritanopia

172, 174, 188

Trichromacy



Original Color

167, 177, 175

Protanomaly

167, 176, 166

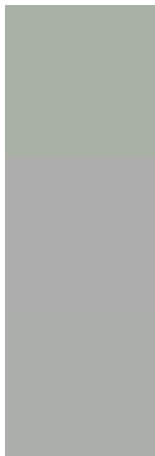
Deuteranomaly

184, 173, 168

Tritanomaly

171, 174, 180

Monochromacy



Original Color

167, 177, 175

Achromatopsia

173, 173, 173

Achromatomaly

171, 174, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 177, 175 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(169, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 167)  
}
```

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(169, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 177, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

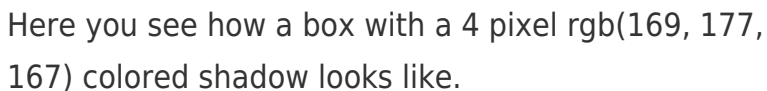
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 177, 167) }
```

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

```
.border{ border-color:rgb(169, 177, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 177, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 177, 167); box-shadow:4px 4px 4px 4px rgb(169, 177, 167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 177, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 167) }
```

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

```
.background{ background-color: rgb(169,  
177, 167) }
```

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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