

Converting Colors

`RYB(166, 171, 175)`

Have a look what the booklet for
RYB(166, 171, 175) contains.

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Color

RYB(166, 171, 175)

Conversions

Conversions Part 1

Format	Color
Hex	A6AFAD
RGB	166, 175, 173
RGB Percent	65%, 69%, 68%
CMY	0.3490, 0.3137, 0.3208
CMYK	0.05, 0.00, 0.01, 0.31
HSL	168°, 5%, 67%
HSV	168°, 5%, 69%
XYZ	38.6181, 41.7918, 45.6679
YIQ	172.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

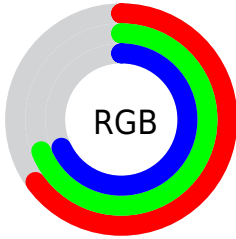
Format	Color
RYB	166, 171, 175
Decimal	10923949
CIELab	70.73, -3.50, -0.18
CIElCh	71, 3.500, 182.934
Yxy	41.7918, 0.3063, 0.3315
Android (android.graphics.Color)	4289114029 (0xFFA6AFAD)
YUV	172.0810, 0.4531, -5.3330
Hunter-Lab	64.6466, -6.5006, 3.3687

Details

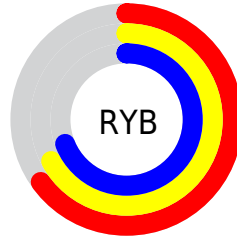
The RYB color **166, 171, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175, 166, 168**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **221, 227, 231**, and **114, 119, 123** is the 20% darker color. If you saturate the color by 10%, you get **148, 163, 175**, and if you desaturate by 10%, it is **184, 175, 177**.

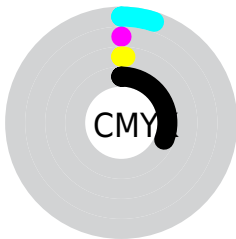
Distribution



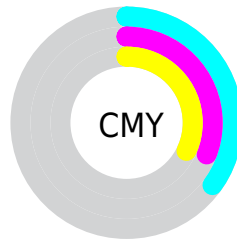
- Red (65%)
- Green (69%)
- Blue (68%)



- Red (65%)
- Yellow (67%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 171, 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 166, 171, 175 by changing the saturation by 10% instead.

■ 166, 171, 175

255, 255, 255

■ 221, 227, 231

■ 250, 253, 255

■ 166, 171, 175

■ 140, 144, 148

■ 114, 119, 123

■ 90, 95, 98

■ 66, 71, 74

■ 44, 48, 51

■ 23, 27, 30

■ 0, 3, 5

■ 0, 0, 0

■ 166, 171, 175

■ 166, 171, 175

■ 148, 163, 175

■ 184, 175, 177

■ 131, 156, 175

■ 201, 175, 180

■ 114, 148, 175

■ 219, 175, 184

■ 96, 140, 175

■ 236, 175, 187

■ 79, 132, 175

■ 254, 175, 191

■ 61, 124, 175

■ 255, 175, 194

■ 44, 117, 175

■ 255, 175, 198

■ 26, 109, 175

■ 255, 175, 201

■ 9, 101, 175

■ 255, 175, 205

Harmonies

Analogous

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



168, 173, 175



166, 171, 175



166, 171, 176

Triad

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



166, 171, 175



174, 172, 178



179, 176, 167

Complementary

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



166, 171, 175



175, 166, 168

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.



180, 171, 170



166, 171, 175



178, 171, 176

Square

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



166, 171, 175



170, 172, 179



180, 171, 173



172, 176, 167

Rectangle

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



166, 171, 175



166, 171, 178



180, 171, 173



179, 174, 168

Sweetspot

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



166, 171, 175



222, 225, 227



166, 175, 173



112, 114, 115



242, 242, 242



115, 115, 115

Same Dimension

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



166, 171, 175



213, 221, 227



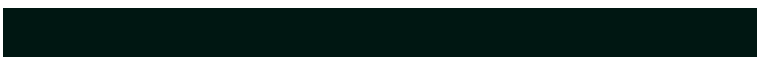
166, 170, 175



81, 85, 87



0, 83, 150



0, 13, 23

Inverse Universe

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



175, 166, 168



227, 213, 216



175, 171, 166



87, 81, 82



150, 0, 30



23, 0, 5

Previews

White Background



This preview shows how the RYB color 166, 171, 175 looks on a white background.

Color Contrast Check

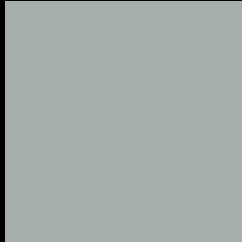
Large Text (above 18pt) WCAG AA × Fail

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 166, 171, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

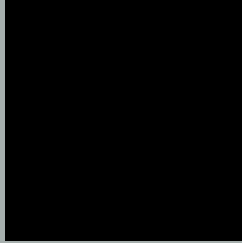
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

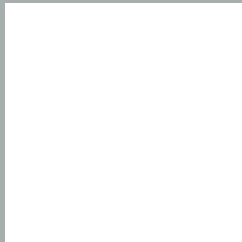
Any Text WCAG AAA ✓ Pass

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

RYB 166, 171, 175 Background



This preview shows how black text looks on a background with the RYB color 166, 171, 175.



This preview shows how white text looks on a background with the RYB color 166, 171, 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



Original Color
166, 171, 175

Protanopia
176, 172, 172

Deuteranopia
189, 167, 175



Tritanopia
168, 172, 187

Trichromacy



Original Color

166, 171, 175

Protanomaly

172, 173, 173

Deuteranomaly

181, 170, 174

Tritanomaly

167, 172, 182

Monochromacy



Original Color

166, 171, 175

Achromatopsia

172, 172, 172

Achromatomaly

170, 172, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 171, 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(166, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(166, 175, 173)  
}
```

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(166, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 175, 173) }
```

Border

The CSS property to change the border of an element to RYB 166, 171, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

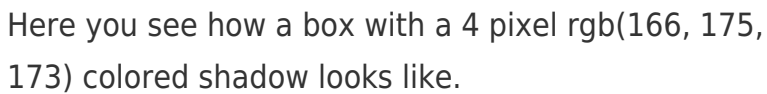
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 175, 173) }
```

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

```
.border{ border-color:rgb(166, 175, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 175, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 175, 173); box-shadow:4px 4px 4px 4px rgb(166, 175, 173) }
```

Background

The CSS property to change the background color of an element to RYB 166, 171, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 175, 173) }
```

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

```
.background{ background-color: rgb(166,  
175, 173) }
```

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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