

Converting Colors

`RYB(164, 153, 169)`

Have a look what the booklet for
RYB(164, 153, 169) contains.

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Color

$\text{RYB}(164, 153, 169)$

Conversions

Conversions Part 1

Format	Color
Hex	A499A9
RGB	164, 153, 169
RGB Percent	64%, 60%, 66%
CMY	0.3569, 0.4000, 0.3373
CMYK	0.03, 0.09, 0.00, 0.34
HSL	281°, 9%, 63%
HSV	281°, 9%, 66%
XYZ	33.8625, 33.5396, 42.2252
YIQ	158.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

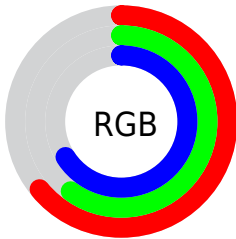
Format	Color
RYB	164, 153, 169
Decimal	10787241
CIELab	64.60, 7.06, -6.89
CIELCh	65, 9.867, 315.709
Yxy	33.5396, 0.3089, 0.3059
Android (android.graphics.Color)	4288977321 (0xFFA499A9)
YUV	158.1130, 5.3673, 5.1629
Hunter-Lab	57.9133, 3.0224, -2.6895

Details

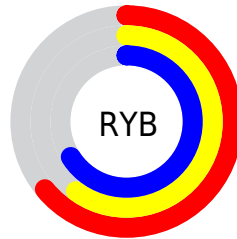
The RYB color **164, 153, 169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 169, 164**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **219, 207, 224**, and **112, 102, 117** is the 20% darker color. If you saturate the color by 10%, you get **159, 136, 169**, and if you desaturate by 10%, it is **169, 170, 170**.

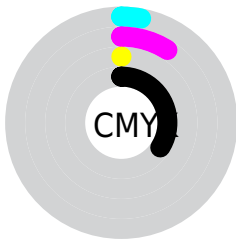
Distribution



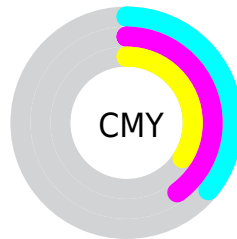
- Red (64%)
- Green (60%)
- Blue (66%)



- Red (64%)
- Yellow (60%)
- Blue (66%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 153, 169 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 164, 153, 169 by changing the saturation by 10% instead.


 164, 153, 169

255, 255, 255


 219, 207, 224

 247, 236, 253

 164, 153, 169

 138, 127, 143

 112, 102, 117


 88, 78, 92

 64, 55, 69


 42, 34, 47

 22, 12, 26

 0, 0, 0

 164, 153, 169

 159, 136, 169

 164, 153, 169

 169, 170, 170

■ 153, 119, 169

■ 169, 187, 181

■ 148, 102, 169

■ 169, 204, 193

■ 143, 85, 169

■ 169, 221, 205

■ 138, 68, 169

■ 169, 237, 216

■ 132, 52, 169

■ 169, 254, 227

■ 127, 35, 169

■ 169, 255, 223

■ 122, 18, 169

■ 169, 255, 218

■ 116, 1, 169

■ 169, 255, 212

Harmonies

Analogous

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



153, 156, 173



164, 153, 169



172, 151, 161

Triad

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



164, 153, 169



164, 168, 140



135, 149, 162

Complementary

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



164, 153, 169



153, 169, 164

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.



140, 154, 162



164, 153, 169



141, 159, 140

Square

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



164, 153, 169



174, 155, 144



144, 160, 155



136, 150, 169

Rectangle

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



164, 153, 169



175, 151, 155



144, 160, 155



136, 150, 162

Sweetspot

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



164, 153, 169



217, 213, 219



153, 157, 169



108, 105, 110



237, 237, 237



110, 110, 110

Same Dimension

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



164, 153, 169



212, 195, 219



169, 153, 166



82, 76, 84



102, 0, 148



14, 0, 20

Inverse Universe

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



169, 153, 158



219, 195, 203



153, 166, 169



84, 76, 78



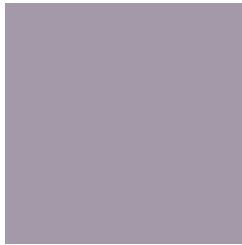
148, 0, 46



20, 0, 6

Previews

White Background



This preview shows how the RYB color 164, 153, 169 looks on a white background.

Color Contrast Check

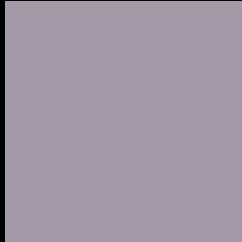
Large Text (above 18pt) WCAG AA × Fail

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 164, 153, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

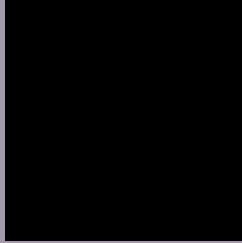
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

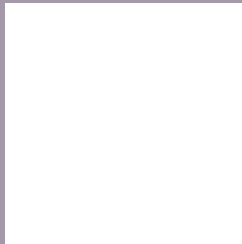
Any Text WCAG AAA ✓ Pass

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

RYB 164, 153, 169 Background



This preview shows how black text looks on a background with the RYB color 164, 153, 169.



This preview shows how white text looks on a background with the RYB color 164, 153, 169.

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
164, 153, 169

Protanopia
155, 156, 171

Deuteranopia
166, 152, 169



Tritanopia
163, 154, 166

Trichromacy



Original Color

164, 153, 169

Protanomaly

158, 155, 170

Deuteranomaly

165, 152, 169

Tritanomaly

163, 154, 167

Monochromacy



Original Color

164, 153, 169

Achromatopsia

158, 158, 158

Achromatomaly

160, 156, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 153, 169 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(164, 153, 169) looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 169)  
}
```

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(164, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 169) }
```

Border

The CSS property to change the border of an element to RYB 164, 153, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

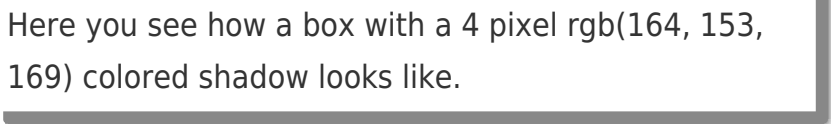
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 153, 169) }
```

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

```
.border{ border-color:rgb(164, 153, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 153, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 153, 169); box-shadow:4px 4px 4px 4px rgb(164, 153, 169) }
```

Background

The CSS property to change the background color of an element to RYB 164, 153, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 169) }
```

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

```
.background{ background-color: rgb(164,  
153, 169) }
```

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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