

Converting Colors

`RYB(164, 153, 167)`

Have a look what the booklet for RYB(164, 153, 167) contains.

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Color

R_YB(164, 153, 167)

Conversions

Conversions Part 1

Format	Color
Hex	A499A7
RGB	164, 153, 167
RGB Percent	64%, 60%, 65%
CMY	0.3569, 0.4000, 0.3451
CMYK	0.02, 0.08, 0.00, 0.35
HSL	287°, 7%, 63%
HSV	287°, 8%, 65%
XYZ	33.6761, 33.4650, 41.2437
YIQ	157.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

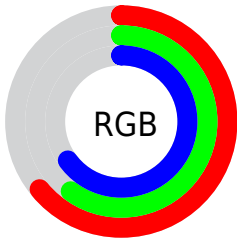
Format	Color
RYB	164, 153, 167
Decimal	10787239
CIELab	64.54, 6.67, -5.85
CIELCh	65, 8.874, 318.721
Yxy	33.4650, 0.3107, 0.3088
Android (android.graphics.Color)	4288977319 (0xFFA499A7)
YUV	157.8850, 4.4937, 5.3629
Hunter-Lab	57.8489, 2.6762, -1.7768

Details

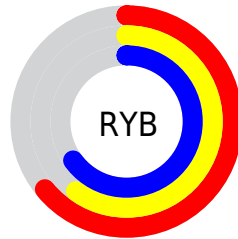
The RYB color **164, 153, 167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **153, 167, 164**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **219, 207, 222**, and **112, 102, 115** is the 20% darker color. If you saturate the color by 10%, you get **160, 136, 167**, and if you desaturate by 10%, it is **167, 170, 169**.

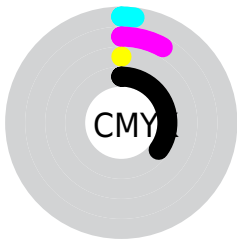
Distribution



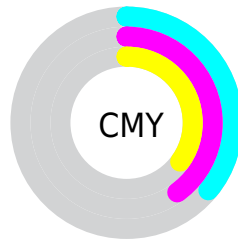
- Red (64%)
- Green (60%)
- Blue (65%)



- Red (64%)
- Yellow (60%)
- Blue (65%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)




- Cyan (36%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 153, 167 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, 167 by changing the saturation by 10% instead.

 164, 153, 167


255, 255, 255

 219, 207, 222

 247, 236, 251

 164, 153, 167

 138, 127, 141

 112, 102, 115


 88, 78, 91

 64, 55, 67


 42, 34, 45

 22, 12, 25

 0, 0, 0

 164, 153, 167

 160, 136, 167

 164, 153, 167

 167, 170, 169

■ 157, 120, 167

■ 167, 186, 182

■ 153, 103, 167

■ 167, 203, 195

■ 150, 86, 167

■ 167, 220, 209

■ 146, 70, 167

■ 167, 236, 221

■ 143, 53, 167

■ 167, 253, 235

■ 139, 36, 167

■ 167, 255, 233

■ 135, 19, 167

■ 167, 255, 229

■ 132, 3, 167

■ 167, 255, 226

Harmonies

Analogous

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



154, 155, 171



164, 153, 167



171, 151, 160

Triad

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



164, 153, 167



161, 166, 141



137, 149, 161

Complementary

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



164, 153, 167



153, 167, 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.



141, 154, 161



164, 153, 167



141, 158, 141

Square

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



164, 153, 167



172, 156, 145



146, 160, 157



138, 151, 168

Rectangle

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



164, 153, 167



173, 151, 154



146, 160, 157



138, 150, 161

Sweetspot

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



164, 153, 167



215, 210, 217



153, 155, 167



109, 105, 110



237, 237, 237



110, 110, 110

Same Dimension

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



164, 153, 167



212, 195, 217



167, 153, 163



82, 76, 84



116, 0, 148



16, 0, 20

Inverse Universe

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



167, 153, 156



217, 195, 200



153, 164, 167



84, 76, 78



148, 0, 32



20, 0, 4

Previews

White Background



This preview shows how the RYB color 164, 153, 167 looks on a white background.

Color Contrast Check

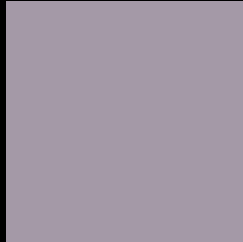
Large Text (above 18pt) WCAG AA × Fail

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, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

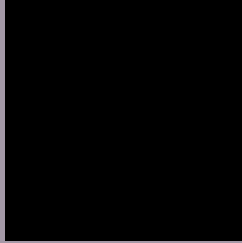
Any Text WCAG AA ✓ Pass

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](#).

RYP 164, 153, 167 Background



This preview shows how black text looks on a background with the RYB color 164, 153, 167.



This preview shows how white text looks on a background with the RYB color 164, 153, 167.

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](#), [167](#)

Protanopia
[156](#), [156](#), [169](#)

Deuteranopia
[167](#), [152](#), [167](#)



Tritanopia
164, 153, 165

Trichromacy



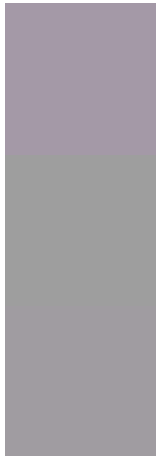
Original Color
164, 153, 167

Protanomaly
159, 155, 168

Deuteranomaly
166, 152, 167

Tritanomaly
164, 153, 166

Monochromacy



Original Color
164, 153, 167

Achromatopsia
158, 158, 158

Achromatomaly
160, 156, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 153, 167 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, 167) looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 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(164, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 167) }
```

Border

The CSS property to change the border of an element to RYB 164, 153, 167 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, 167) }
```

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

```
.border{ border-color:rgb(164, 153, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 164, 153, 167 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, 167) }
```

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

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