

Converting Colors

`RYB(161, 154, 174)`

Have a look what the booklet for RYB(161, 154, 174) contains.

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Color

R_YB(161, 154, 174)

Conversions

Conversions Part 1

Format	Color
Hex	A19AAE
RGB	161, 154, 174
RGB Percent	63%, 60%, 68%
CMY	0.3686, 0.3961, 0.3176
CMYK	0.07, 0.11, 0.00, 0.32
HSL	261°, 11%, 64%
HSV	261°, 11%, 68%
XYZ	33.8935, 33.7443, 44.7713
YIQ	158.3730, -2.2480, 7.7040

Conversions

Conversions Part 2

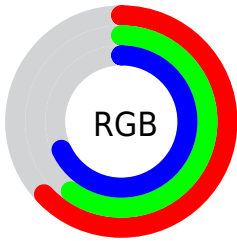
Format	Color
RYB	161, 154, 174
Decimal	10590894
CIELab	64.76, 6.47, -9.48
CIELCh	65, 11.477, 304.288
Yxy	33.7443, 0.3015, 0.3002
Android (android.graphics.Color)	4288780974 (0xFFA19AAE)
YUV	158.3730, 7.7041, 2.3039
Hunter-Lab	58.0898, 2.4918, -5.0335

Details

The RYB color **161, 154, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 174, 161**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **216, 208, 229**, and **109, 103, 122** is the 20% darker color. If you saturate the color by 10%, you get **150, 137, 174**, and if you desaturate by 10%, it is **172, 171, 174**.

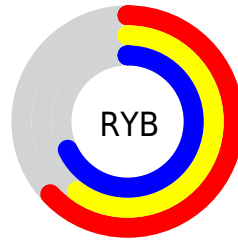
Distribution



Red (63%)

Green (60%)

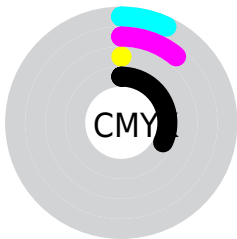
Blue (68%)



Red (63%)

Yellow (60%)

Blue (68%)

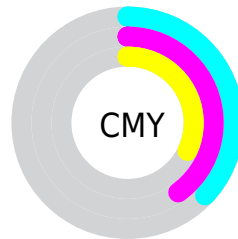


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 154, 174 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 161, 154, 174 by changing the saturation by 10% instead.

■ 161, 154, 174

255, 255, 255

■ 216, 208, 229

■ 244, 237, 255

■ 161, 154, 174

■ 135, 128, 147

■ 109, 103, 122

■ 85, 79, 97

■ 62, 56, 73

■ 40, 35, 50

■ 20, 13, 30

■ 0, 0, 1

■ 0, 0, 0

■ 161, 154, 174

■ 161, 154, 174

■ 150, 137, 174

■ 172, 171, 174

■ 138, 119, 174

■ 174, 189, 179

■ 127, 102, 174

■ 174, 206, 185

■ 116, 84, 174

■ 174, 224, 192

■ 104, 67, 174

■ 174, 241, 197

■ 93, 50, 174

■ 174, 255, 200

■ 82, 32, 174

■ 174, 255, 189

■ 71, 15, 174

■ 174, 255, 178

■ 61, 0, 174

■ 174, 255, 174

Harmonies

Analogous

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



148, 155, 177



161, 154, 174



172, 151, 166

Triad

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



161, 154, 174



173, 163, 139



133, 149, 163

Complementary

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



161, 154, 174



154, 174, 161

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, 157, 162



161, 154, 174



146, 164, 137

Square

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



161, 154, 174



179, 152, 146



140, 160, 148



131, 148, 168

Rectangle

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



161, 154, 174



177, 150, 159



140, 160, 148



135, 151, 163

Sweetspot

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



161, 154, 174



223, 220, 227



154, 162, 174



112, 110, 115



242, 242, 242



115, 115, 115

Same Dimension

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



161, 154, 174



206, 195, 227



171, 154, 174



81, 78, 87



53, 0, 150



8, 0, 23

Inverse Universe

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



174, 154, 167



227, 195, 216



154, 174, 171



87, 78, 84



150, 0, 98



23, 0, 15

Previews

White Background



This preview shows how the RYB color 161, 154, 174 looks on a white background.

Color Contrast Check

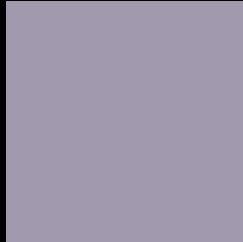
Large Text (above 18pt) WCAG AA × Fail

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 161, 154, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

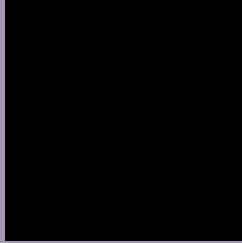
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

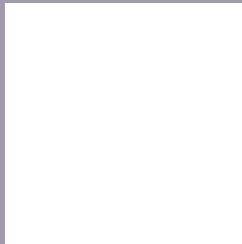
Any Text WCAG AAA ✓ Pass

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

RYB 161, 154, 174 Background



This preview shows how black text looks on a background with the RYB color 161, 154, 174.



This preview shows how white text looks on a background with the RYB color 161, 154, 174.

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
161, 154, 174

Protanopia
154, 156, 175

Deuteranopia
164, 153, 174



Tritanopia
160, 155, 167

Trichromacy



Original Color

161, 154, 174

Protanomaly

157, 155, 175

Deuteranomaly

163, 153, 174

Tritanomaly

160, 155, 170

Monochromacy



Original Color

161, 154, 174

Achromatopsia

158, 158, 158

Achromatomaly

159, 157, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 154, 174 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(161, 154, 174) looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 174)  
}
```

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(161, 154, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 174) }
```

Border

The CSS property to change the border of an element to RYB 161, 154, 174 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(161, 154, 174) }
```

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

```
.border{ border-color:rgb(161, 154, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 161, 154, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 174) }
```

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

```
.background{ background-color: rgb(161,  
154, 174) }
```

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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