

Converting Colors

`RYB(161, 134, 155)`

Have a look what the booklet for RYB(161, 134, 155) contains.

RYB(161, 134, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(161, 134, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A1869B
RGB	161, 134, 155
RGB Percent	63%, 53%, 61%
CMY	0.3686, 0.4745, 0.3922
CMYK	0.00, 0.17, 0.04, 0.37
HSL	313°, 13%, 58%
HSV	313°, 17%, 63%
XYZ	29.1394, 26.9938, 34.6849
YIQ	144.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

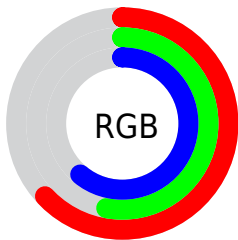
Format	Color
RYB	161, 134, 155
Decimal	10585755
CIELab	58.97, 14.01, -7.34
CIElCh	59, 15.810, 332.357
Yxy	26.9938, 0.3209, 0.2972
Android (android.graphics.Color)	4288775835 (0xFFA1869B)
YUV	144.4670, 5.1928, 14.4994
Hunter-Lab	51.9556, 9.1900, -3.2123

Details

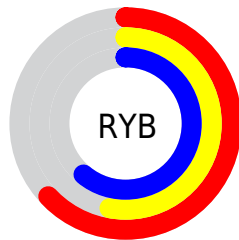
The RYB color **161, 134, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **134, 156, 161**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **216, 187, 209**, and **109, 84, 104** is the 20% darker color. If you saturate the color by 10%, you get **161, 118, 151**, and if you desaturate by 10%, it is **161, 150, 159**.

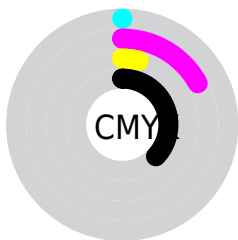
Distribution



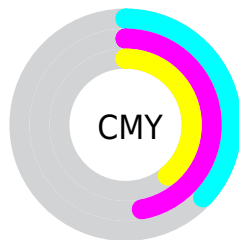
- Red (63%)
- Green (53%)
- Blue (61%)



- Red (63%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 134, 155 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, 134, 155 by changing the saturation by 10% instead.


 161, 134, 155

255, 255, 255

 216, 187, 209

 244, 215, 238


 255, 244, 255


 161, 134, 155

 135, 109, 129

 109, 84, 104


 85, 61, 80


 61, 39, 57


 39, 18, 35


 17, 0, 14

 0, 0, 0

 161, 134, 155

 161, 118, 151

 161, 134, 155

 161, 150, 159

161, 102, 148

161, 165, 166

161, 86, 144

161, 178, 182

161, 70, 141

161, 191, 198

161, 54, 137

161, 205, 215

161, 37, 134

161, 219, 231

161, 21, 130

161, 231, 247

161, 5, 126

161, 237, 255

161, 0, 125

161, 235, 255

Harmonies

Analogous

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



146, 138, 165



161, 134, 155



170, 132, 141

Triad

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



161, 134, 155



129, 152, 114



105, 129, 156

Complementary

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



161, 134, 155



134, 156, 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.



109, 131, 150



161, 134, 155



118, 146, 128

Square

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



161, 134, 155



164, 150, 118



121, 143, 149



112, 133, 166

Rectangle

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



161, 134, 155



171, 133, 132



121, 143, 149



105, 128, 152

Sweetspot

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



161, 134, 155



209, 199, 207



140, 134, 161



105, 98, 103



232, 232, 232



105, 105, 105

Same Dimension

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



161, 134, 155



209, 167, 200



161, 134, 142



82, 73, 80



145, 0, 113



18, 0, 14

Inverse Universe

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



161, 134, 155



209, 167, 200



134, 150, 161



82, 73, 80



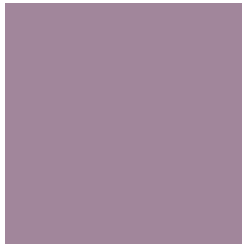
145, 0, 113



18, 0, 14

Previews

White Background



This preview shows how the RYB color 161, 134, 155 looks on a white background.

Color Contrast Check

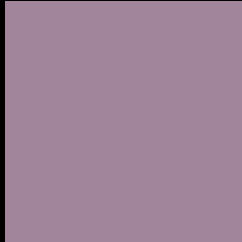
Large Text (above 18pt) WCAG AA ✓ Pass

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, 134, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

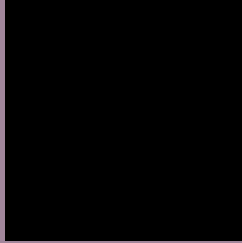
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 161, 134, 155 Background



This preview shows how black text looks on a background with the RYB color 161, 134, 155.



This preview shows how white text looks on a background with the RYB color 161, 134, 155.

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, 134, 155](#)

Protanopia
[139, 141, 159](#)

Deuteranopia
[150, 138, 154](#)



Tritanopia
160, 136, 146

Trichromacy



Original Color
161, 134, 155

Protanomaly
147, 138, 158

Deuteranomaly
154, 137, 154

Tritanomaly
160, 135, 149

Monochromacy



Original Color
161, 134, 155

Achromatopsia
144, 144, 144

Achromatomaly
150, 140, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 134, 155 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, 134, 155) looks like.

```
.text, #text, p{  
    color:rgb(161, 134, 155)  
}
```

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, 134, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 134, 155) }
```

Border

The CSS property to change the border of an element to RYB 161, 134, 155 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, 134, 155) }
```

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

```
.border{ border-color:rgb(161, 134, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 134, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 134, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 134, 155);  
box-shadow:4px 4px 4px 4px rgb(161, 134,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 161, 134, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 134, 155) }
```

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

```
.background{ background-color: rgb(161,  
134, 155) }
```

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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