Converting Colors

RYB(170, 155, 167)

Have a look what the booklet for RYB(170, 155, 167) contains.

Color

RYB(170, 155, 167)

Conversions

Format	Color
Hex	AA9BA7
RGB	170, 155, 167
RGB Percent	67%, 61%, 65%
CMY	0.3333, 0.3922, 0.3451
CMYK	0.00, 0.09, 0.02, 0.33
HSL	312°, 8%, 64%
HSV	312°, 9%, 67%
XYZ	35.2740, 34.7788, 41.4130
YIQ	160.8530, 5.0880, 6.9120

Conversions Part 1

Conversions

Conversions Part 2

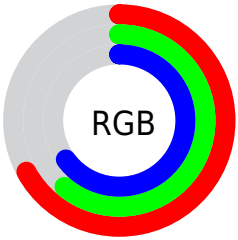
Format	Color
RYB	170, 155, 167
Decimal	11180967
CIELab	65.58, 7.69, -4.26
CIELCh	66, 8.794, 331.036
Yxy	34.7788, 0.3165, 0.3120
Android (android.graphics.Color)	4289371047 (0xFFAA9BA7)
YUV	160.8530, 3.0305, 8.0219
Hunter-Lab	58.9735, 3.5629, -0.3538

Details

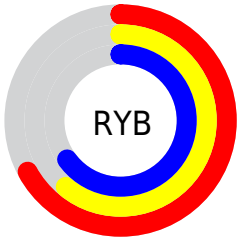
The RYB color 170, 155, 167 is a light color, and the websafe version is hex 999999. A complement of this color would be 155, 168, 170, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 225, 209, 222, and 118, 104, 115 is the 20% darker color. If you saturate the color by 10%, you get 170, 138, 164, and if you desaturate by 10%, it is 170, 172, 172.

Distribution

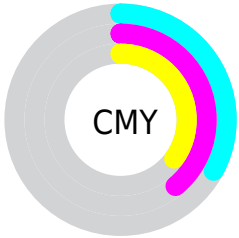


- Red (67%)
- Green (61%)
- Blue (65%)



- Red (67%)
- Yellow (61%)
- Blue (65%)

- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 155, 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 170, 155, 167 by changing the saturation by 10% instead.

170, 155, 167	170, 155, 167
255, 255, 255	143, 129, 141
225, 209, 222	118, 104, 115
254, 238, 251	93, 80, 91
	70, 57, 67
	47, 35, 45
	27, 14, 24
	0, 0, 0

170, 155, 167	170, 155, 167
170, 138, 164	170, 172, 172

170, 121, 160	170, 186, 189
170, 104, 157	170, 200, 206
170, 87, 153	170, 214, 223
170, 70, 150	170, 228, 240
170, 53, 147	170, 241, 255
170, 36, 143	170, 238, 255
170, 19, 140	170, 236, 255
170, 2, 136	170, 234, 255

Harmonies

Analogous

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

161, 157, 173

170, 155, 167

175, 154, 159

Triad

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

170, 155, 167

154, 166, 144

140, 153, 167

Complementary

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

170, 155, 167

155, 168, 170

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.

142, 154, 164

170, 155, 167

146, 161, 150

Square

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

170, 155, 167

173, 162, 146

148, 161, 163

143, 155, 173

Rectangle

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

170, 155, 167

177, 154, 154

148, 161, 163

140, 152, 165

Sweetspot

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

170, 155, 167

222, 215, 221

158, 155, 170

112, 108, 111

240, 240, 240

112, 112, 112

Same Dimension

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

170, 155, 167

222, 197, 217

170, 155, 160

84, 76, 82

148, 0, 118

20, 0, 16

Inverse Universe

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

170, 155, 167

222, 197, 217

155, 164, 170

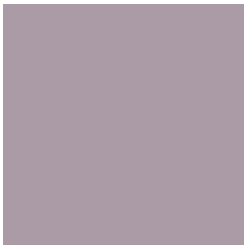
84, 76, 82

148, 0, 118

20, 0, 16

Previews

White Background

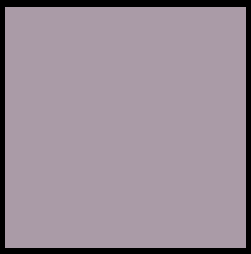


This preview shows how the RYB color 170, 155, 167 looks on a white background.

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



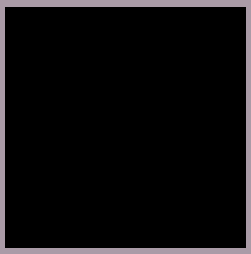
This preview shows how the RYB color 170, 155, 167 looks on a black background.

Color Contrast Check

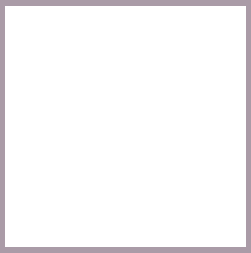
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 170, 155, 167 Background



This preview shows how black text looks on a background with the RYB color 170, 155, 167.



This preview shows how white text looks on a background with the RYB color 170, 155, 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

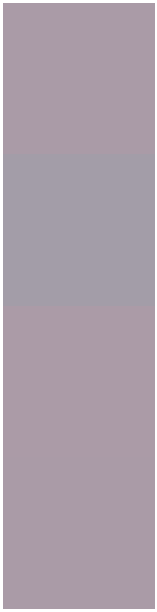
Original Color
170, 155, 167

Protanopia
159, 158, 169

Deuteranopia
171, 155, 167

Tritanopia
170, 155, 167

Trichromacy



Original Color
170, 155, 167

Protanomaly
163, 157, 168

Deuteranomaly
171, 155, 167

Tritanomaly
170, 155, 167

Monochromacy

Original Color
170, 155, 167

Achromatopsia
161, 161, 161

Achromatomaly
164, 159, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 155, 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(170, 155, 167) looks like.

```
.text, #text, p{
    color:rgb(170, 155, 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(170, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 167) }
```

Border

The CSS property to change the border of an element to RYB 170, 155, 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(170, 155, 167) }
```

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

```
.border{ border-color:rgb(170, 155, 167) }
```

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

Here you see how a box with a 4 pixel rgb(170, 155, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 155, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 155, 167); box-shadow:4px 4px 4px 4px rgb(170, 155, 167) }
```

Background

The CSS property to change the background color of an element to RYB 170, 155, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 155, 167) }
```

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

```
.background{ background-color:rgb(170,
155, 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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