

Converting Colors

`RYB(170, 155, 163)`

Have a look what the booklet for
RYB(170, 155, 163) contains.

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Color

R_YB(170, 155, 163)

Conversions

Conversions Part 1

Format	Color
Hex	AA9BA3
RGB	170, 155, 163
RGB Percent	67%, 61%, 64%
CMY	0.3333, 0.3922, 0.3608
CMYK	0.00, 0.09, 0.04, 0.33
HSL	328°, 8%, 64%
HSV	328°, 9%, 67%
XYZ	34.9098, 34.6331, 39.4952
YIQ	160.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

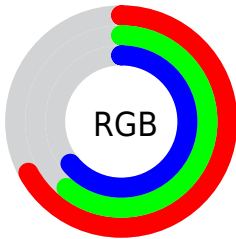
Format	Color
RYB	170, 155, 163
Decimal	11180963
CIELab	65.46, 6.94, -2.18
CIElCh	65, 7.280, 342.551
Yxy	34.6331, 0.3202, 0.3176
Android (android.graphics.Color)	4289371043 (0xFFAA9BA3)
YUV	160.3970, 1.2833, 8.4218
Hunter-Lab	58.8499, 2.8990, 1.4043

Details

The RYB color **170, 155, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 165, 170**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **225, 209, 218**, and **118, 104, 111** is the 20% darker color. If you saturate the color by 10%, you get **170, 138, 155**, and if you desaturate by 10%, it is **170, 171, 172**.

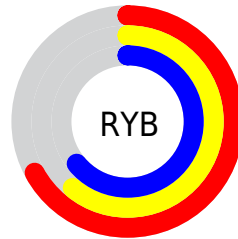
Distribution



Red (67%)

Green (61%)

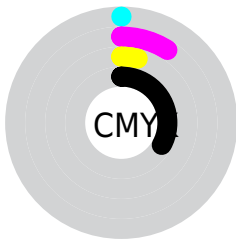
Blue (64%)



Red (67%)

Yellow (61%)

Blue (64%)

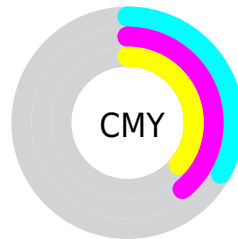


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (33%)



Cyan (33%)


Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 155, 163 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, 163 by changing the saturation by 10% instead.


 170, 155, 163

255, 255, 255

 225, 209, 218


 254, 238, 246

 170, 155, 163

 143, 129, 137

 118, 104, 111

 93, 80, 87

 69, 57, 64


 47, 35, 42

 27, 14, 21

 0, 0, 0

 170, 155, 163

 170, 138, 155

 170, 155, 163

 170, 171, 172

■ 170, 121, 147

■ 170, 183, 189

■ 170, 104, 139

■ 170, 194, 206

■ 170, 87, 131

■ 170, 206, 223

■ 170, 70, 123

■ 170, 218, 240

■ 170, 53, 115

■ 170, 227, 255

■ 170, 36, 107

■ 170, 224, 255

■ 170, 19, 100

■ 170, 221, 255

■ 170, 2, 92

■ 170, 218, 255

Harmonies

Analogous

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



164, 156, 169



170, 155, 163



173, 155, 156

Triad

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



170, 155, 163



150, 162, 146



144, 154, 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, 163



155, 165, 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.



143, 154, 163



170, 155, 163



149, 161, 156

Square

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



170, 155, 163



168, 166, 147



147, 158, 163



148, 156, 171

Rectangle

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



170, 155, 163



173, 156, 152



147, 158, 163



143, 154, 166

Sweetspot

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



170, 155, 163



222, 215, 219



162, 155, 170



112, 108, 110



240, 240, 240



112, 112, 112

Same Dimension

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



170, 155, 163



222, 197, 210



170, 155, 155



84, 76, 80



148, 0, 79



20, 0, 11

Inverse Universe

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



170, 155, 163



222, 197, 210



155, 163, 170



84, 76, 80



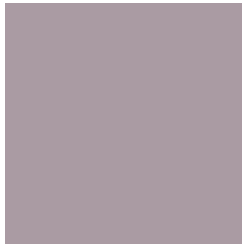
148, 0, 79



20, 0, 11

Previews

White Background



This preview shows how the RYB color 170, 155, 163 looks on a white background.

Color Contrast Check

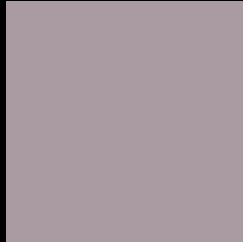
Large Text (above 18pt) WCAG AA × Fail

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, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

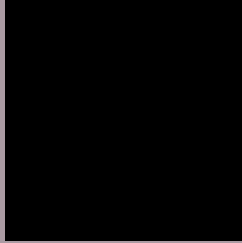
Any Text WCAG AA ✓ Pass

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, 163 Background



This preview shows how black text looks on a background with the RYB color 170, 155, 163.



This preview shows how white text looks on a background with the RYB color 170, 155, 163.

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, 163

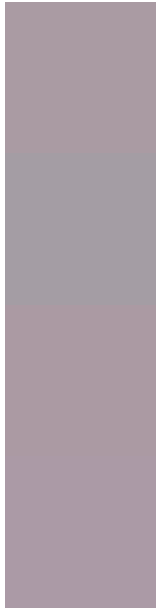
Protanopia
160, 158, 165

Deuteranopia
172, 154, 163



Tritanopia
171, 154, 167

Trichromacy



Original Color

170, 155, 163

Protanomaly

164, 157, 164

Deuteranomaly

171, 154, 163

Tritanomaly

171, 154, 166

Monochromacy



Original Color

170, 155, 163

Achromatopsia

160, 160, 160

Achromatomaly

164, 158, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 155, 163 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, 163) looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 163) }
```

Border

The CSS property to change the border of an element to RYB 170, 155, 163 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, 163) }
```

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

```
.border{ border-color:rgb(170, 155, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 170, 155, 163 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, 163) }
```

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

```
.background{ background-color: rgb(170,  
155, 163) }
```

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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