

Converting Colors

`RYB(170, 155, 171)`

Have a look what the booklet for
RYB(170, 155, 171) contains.

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Color

$\text{RYB}(170, 155, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	AA9BAB
RGB	170, 155, 171
RGB Percent	67%, 61%, 67%
CMY	0.3333, 0.3922, 0.3294
CMYK	0.01, 0.09, 0.00, 0.33
HSL	296°, 9%, 64%
HSV	296°, 9%, 67%
XYZ	35.6496, 34.9290, 43.3911
YIQ	161.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

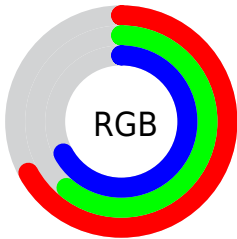
Format	Color
RYB	170, 155, 171
Decimal	11180971
CIELab	65.69, 8.46, -6.33
CIELCh	66, 10.564, 323.203
Yxy	34.9290, 0.3128, 0.3065
Android (android.graphics.Color)	4289371051 (0xFFAA9BAB)
YUV	161.3090, 4.7777, 7.6220
Hunter-Lab	59.1008, 4.2449, -2.1595

Details

The RYB color **170, 155, 171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 171, 170**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **225, 209, 226**, and **118, 104, 119** is the 20% darker color. If you saturate the color by 10%, you get **169, 138, 171**, and if you desaturate by 10%, it is **171, 172, 172**.

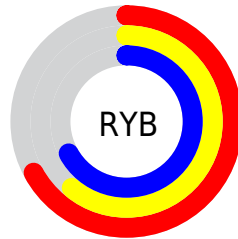
Distribution



Red (67%)

Green (61%)

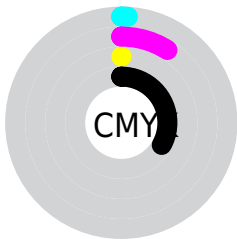
Blue (67%)



Red (67%)

Yellow (61%)

Blue (67%)

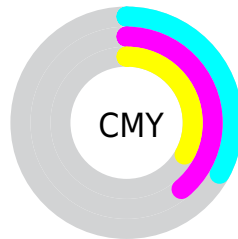


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 155, 171 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, 171 by changing the saturation by 10% instead.

■ 170, 155, 171

255, 255, 255

■ 225, 209, 226

■ 254, 238, 255

■ 170, 155, 171

■ 143, 129, 144

■ 118, 104, 119

■ 93, 80, 94

■ 69, 57, 71

■ 47, 35, 48

■ 27, 14, 27

■ 0, 0, 0

■ 170, 155, 171

■ 169, 138, 171

■ 170, 155, 171

■ 171, 172, 172

■ 168, 121, 171

■ 171, 189, 188

■ 167, 104, 171

■ 171, 206, 204

■ 166, 87, 171

■ 171, 223, 220

■ 165, 69, 171

■ 171, 240, 236

■ 164, 52, 171

■ 171, 255, 250

■ 163, 35, 171

■ 171, 255, 249

■ 161, 18, 171

■ 171, 255, 247

■ 160, 1, 171

■ 171, 255, 246

Harmonies

Analogous

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



159, 158, 177



170, 155, 171



178, 153, 162

Triad

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



170, 155, 171



161, 170, 141



136, 151, 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, 171



155, 171, 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.



140, 155, 165



170, 155, 171



142, 161, 144

Square

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



170, 155, 171



177, 160, 145



148, 164, 164



138, 153, 174

Rectangle

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



170, 155, 171



180, 153, 156



148, 164, 164



136, 151, 165

Sweetspot

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



170, 155, 171



221, 215, 222



155, 156, 171



112, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



170, 155, 171



220, 197, 222



171, 155, 164



86, 78, 87



141, 0, 150



22, 0, 23

Inverse Universe

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



171, 155, 156



222, 197, 199



155, 166, 171



87, 78, 79



150, 0, 9



23, 0, 1

Previews

White Background



This preview shows how the RYB color 170, 155, 171 looks on a white background.

Color Contrast Check

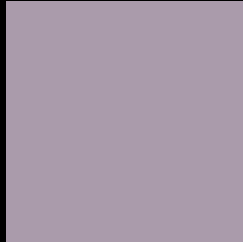
Large Text (above 18pt) WCAG AA × Fail

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, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

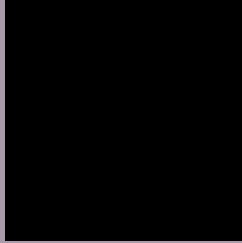
Any Text WCAG AA ✓ Pass

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, 171 Background



This preview shows how black text looks on a background with the RYB color 170, 155, 171.



This preview shows how white text looks on a background with the RYB color 170, 155, 171.

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, 171

Protanopia
158, 159, 173

Deuteranopia
170, 155, 171



Tritanopia
170, 156, 168

Trichromacy



Original Color

170, 155, 171

Protanomaly

162, 158, 172

Deuteranomaly

170, 155, 171

Tritanomaly

170, 156, 169

Monochromacy



Original Color

170, 155, 171

Achromatopsia

161, 161, 161

Achromatomaly

164, 159, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 155, 171 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, 171) looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 171) }
```

Border

The CSS property to change the border of an element to RYB 170, 155, 171 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, 171) }
```

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

```
.border{ border-color:rgb(170, 155, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 170, 155, 171 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, 171) }
```

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

```
.background{ background-color: rgb(170,  
155, 171) }
```

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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