

Converting Colors

`RYB(171, 160, 155)`

Have a look what the booklet for
RYB(171, 160, 155) contains.

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Color

R_YB(171, 160, 155)

Conversions

Conversions Part 1

Format	Color
Hex	AB9F9B
RGB	171, 159, 155
RGB Percent	67%, 62%, 61%
CMY	0.3294, 0.3772, 0.3922
CMYK	0.00, 0.07, 0.09, 0.33
HSL	14°, 9%, 64%
HSV	14°, 9%, 67%
XYZ	35.0764, 35.7553, 36.0631
YIQ	162.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

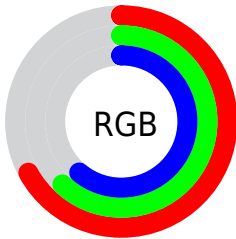
Format	Color
RYB	171, 160, 155
Decimal	11247515
CIELab	66.33, 3.76, 3.58
CIElCh	66, 5.190, 43.550
Yxy	35.7553, 0.3281, 0.3345
Android (android.graphics.Color)	4289437595 (0xFFAB9F9B)
YUV	162.1320, -3.5161, 7.7772
Hunter-Lab	59.7957, 0.0662, 6.0989

Details

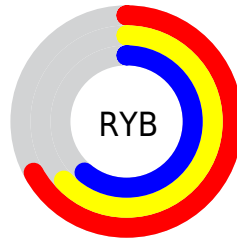
The RYB color **171, 160, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 162, 171**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **226, 216, 209**, and **119, 109, 104** is the 20% darker color. If you saturate the color by 10%, you get **171, 149, 138**, and if you desaturate by 10%, it is **171, 172, 172**.

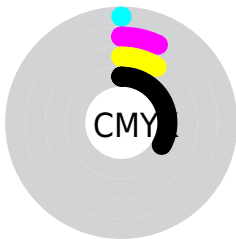
Distribution



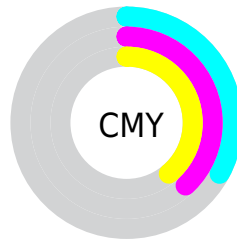
- Red (67%)
- Green (62%)
- Blue (61%)



- Red (67%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (33%)




- Cyan (33%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 160, 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 171, 160, 155 by changing the saturation by 10% instead.


 171, 160, 155

255, 255, 255

 226, 214, 209


 255, 243, 238

 171, 160, 155

 144, 134, 129

 119, 108, 104


 94, 84, 80


 70, 61, 57


 48, 38, 36


 27, 20, 14


 0, 0, 0


 171, 160, 155


 171, 149, 138


 171, 160, 155


 171, 172, 172


 171, 137, 121


 171, 179, 189

 171, 125, 104


 171, 186, 206


 171, 113, 87


 171, 194, 223

 171, 102, 69


 171, 201, 240


 171, 90, 52

 171, 208, 255

 171, 79, 35

 171, 212, 255

 171, 67, 18

 171, 213, 255

 171, 55, 1

Harmonies

Analogous

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



172, 158, 159



171, 160, 155



168, 168, 152

Triad

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



171, 160, 155



153, 161, 164



159, 161, 170

Complementary

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



171, 160, 155



155, 162, 171

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.



154, 159, 170



171, 160, 155



150, 157, 164

Square

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



171, 160, 155



154, 163, 159



151, 158, 167



165, 159, 168

Rectangle

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



171, 160, 155



158, 165, 152



151, 158, 167



157, 160, 170

Sweetspot

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



171, 160, 155



222, 218, 215



171, 155, 167



112, 109, 108



240, 240, 240



112, 112, 112

Same Dimension

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



171, 160, 155



222, 205, 197



160, 171, 155



87, 81, 78



150, 47, 0



23, 6, 0

Inverse Universe

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



155, 162, 171



197, 208, 222



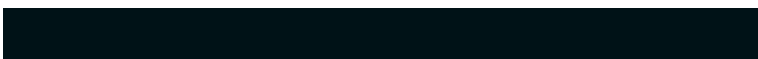
155, 158, 171



78, 82, 87



0, 65, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 171, 160, 155 looks on a white background.

Color Contrast Check

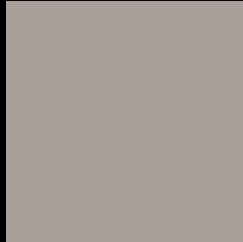
Large Text (above 18pt) WCAG AA × Fail

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 171, 160, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

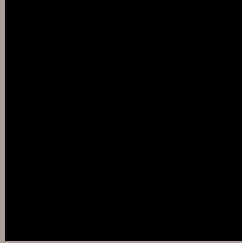
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

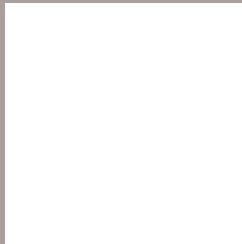
Any Text WCAG AAA ✓ Pass

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

RYB 171, 160, 155 Background



This preview shows how black text looks on a background with the RYB color 171, 160, 155.



This preview shows how white text looks on a background with the RYB color 171, 160, 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
171, 160, 155

Protanopia
163, 165, 156

Deuteranopia
179, 156, 156



Tritanopia
173, 157, 169

Trichromacy



Original Color

171, 160, 155

Protanomaly

167, 162, 156

Deuteranomaly

176, 157, 156

Tritanomaly

172, 158, 164

Monochromacy



Original Color

171, 160, 155

Achromatopsia

162, 162, 162

Achromatomaly

165, 162, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 160, 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(171, 159, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 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(171, 159, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 155) }
```

Border

The CSS property to change the border of an element to RYB 171, 160, 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(171, 159, 155) }
```

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

```
.border{ border-color:rgb(171, 159, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 171, 160, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 155) }
```

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

```
.background{ background-color: rgb(171,  
159, 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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