

Converting Colors

`RYB(172, 160, 155)`

Have a look what the booklet for
RYB(172, 160, 155) contains.

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Color

R_YB(172, 160, 155)

Conversions

Conversions Part 1

Format	Color
Hex	AC9F9B
RGB	172, 159, 155
RGB Percent	67%, 62%, 61%
CMY	0.3255, 0.3770, 0.3922
CMYK	0.00, 0.08, 0.10, 0.33
HSL	14°, 9%, 64%
HSV	14°, 10%, 67%
XYZ	35.3044, 35.8866, 36.0764
YIQ	162.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

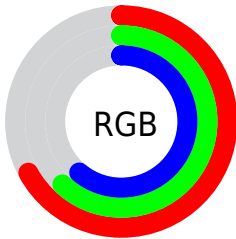
Format	Color
RYB	172, 160, 155
Decimal	11313051
CIELab	66.43, 4.10, 3.73
CIELCh	66, 5.546, 42.292
Yxy	35.8866, 0.3291, 0.3346
Android (android.graphics.Color)	4289503131 (0xFFAC9F9B)
YUV	162.4310, -3.6635, 8.3920
Hunter-Lab	59.9054, 0.3617, 6.2280

Details

The RYB color **172, 160, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 162, 172**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **227, 216, 209**, and **120, 109, 104** is the 20% darker color. If you saturate the color by 10%, you get **172, 148, 138**, and if you desaturate by 10%, it is **172, 172, 172**.

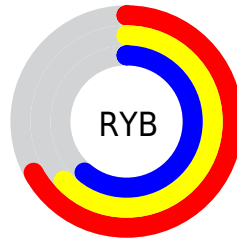
Distribution



Red (67%)

Green (62%)

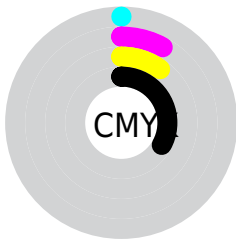
Blue (61%)



Red (67%)

Yellow (63%)

Blue (61%)

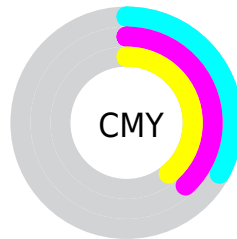


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 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 172, 160, 155 by changing the saturation by 10% instead.


 172, 160, 155


255, 255, 255

 227, 214, 209


 255, 243, 238

 172, 160, 155

 145, 134, 129

 120, 109, 104


 95, 84, 80

 71, 61, 57


 49, 40, 36

 28, 20, 14


 0, 0, 0

 172, 160, 155


 172, 148, 138


 172, 160, 155

 172, 172, 172

 172, 135, 121

 172, 179, 189

 172, 124, 103

 172, 187, 207

 172, 112, 86

 172, 195, 224

 172, 99, 69

 172, 202, 241

 172, 87, 52

 172, 209, 255

 172, 75, 35

 172, 213, 255

 172, 64, 17

 172, 214, 255

 172, 50, 0

Harmonies

Analogous

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



172, 158, 160



172, 160, 155



169, 167, 152

Triad

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



172, 160, 155



153, 161, 164



159, 161, 171

Complementary

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



172, 160, 155



155, 162, 172

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.



153, 159, 171



172, 160, 155



150, 158, 165

Square

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



172, 160, 155



154, 163, 159



150, 158, 168



165, 160, 169

Rectangle

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



172, 160, 155



158, 165, 152



150, 158, 168



157, 161, 171

Sweetspot

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



172, 160, 155



224, 219, 218



172, 155, 168



112, 109, 108



240, 240, 240



112, 112, 112

Same Dimension

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



172, 160, 155



224, 206, 197



162, 172, 155



87, 81, 78



150, 44, 0



23, 6, 0

Inverse Universe

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



155, 162, 172



197, 209, 224



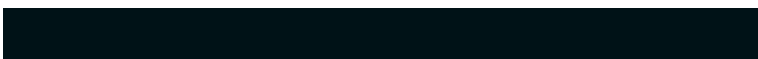
155, 159, 172



78, 82, 87



0, 65, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 172, 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 172, 160, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

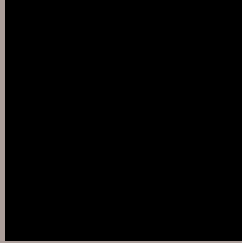
Any Text WCAG AA ✓ Pass

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 172, 160, 155 Background



This preview shows how black text looks on a background with the RYB color 172, 160, 155.



This preview shows how white text looks on a background with the RYB color 172, 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


172, 160, 155

Protanopia

166, 166, 156

Deuteranopia

179, 156, 156



Tritanopia
174, 157, 169

Trichromacy



Original Color

172, 160, 155

Protanomaly

168, 162, 156

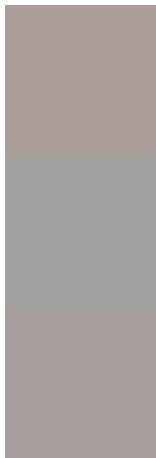
Deuteranomaly

176, 157, 156

Tritanomaly

173, 158, 164

Monochromacy



Original Color

172, 160, 155

Achromatopsia

162, 162, 162

Achromatomaly

166, 162, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 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(172, 159, 155) looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 159, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 155) }
```

Border

The CSS property to change the border of an element to RYB 172, 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(172, 159, 155) }
```

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

```
.border{ border-color:rgb(172, 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(172, 159, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 159, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 159, 155); box-shadow:4px 4px 4px 4px rgb(172, 159, 155) }
```

Background

The CSS property to change the background color of an element to RYB 172, 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(172, 159, 155) }
```

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

```
.background{ background-color: rgb(172,  
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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