

Converting Colors

`RYB(171, 155, 150)`

Have a look what the booklet for
RYB(171, 155, 150) contains.

RYB(171, 155, 150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(171, 155, 150)

Conversions

Conversions Part 1

Format	Color
Hex	AB9A96
RGB	171, 154, 150
RGB Percent	67%, 60%, 59%
CMY	0.3294, 0.3959, 0.4118
CMYK	0.00, 0.10, 0.12, 0.33
HSL	12°, 11%, 63%
HSV	12°, 12%, 67%
XYZ	33.8616, 33.9838, 33.6290
YIQ	158.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

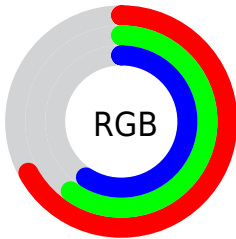
Format	Color
RYB	171, 155, 150
Decimal	11246230
CIELab	64.95, 5.53, 4.38
CIELCh	65, 7.055, 38.352
Yxy	33.9838, 0.3337, 0.3349
Android (android.graphics.Color)	4289436310 (0xFFAB9A96)
YUV	158.6270, -4.2531, 10.8511
Hunter-Lab	58.2957, 1.6659, 6.6044

Details

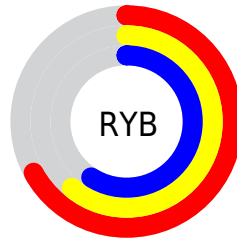
The RYB color **171, 155, 150** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150, 159, 171**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **226, 209, 204**, and **119, 104, 99** is the 20% darker color. If you saturate the color by 10%, you get **171, 142, 133**, and if you desaturate by 10%, it is **171, 168, 167**.

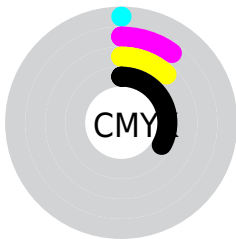
Distribution



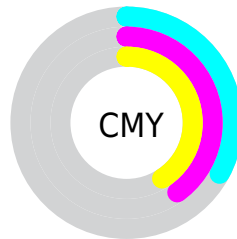
- Red (67%)
- Green (60%)
- Blue (59%)



- Red (67%)
- Yellow (61%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 155, 150 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, 155, 150 by changing the saturation by 10% instead.


 171, 155, 150

255, 255, 255

 226, 209, 204

 255, 238, 232

 171, 155, 150

 144, 129, 124

 119, 104, 99

 94, 80, 75

 70, 57, 53

 47, 36, 32

 28, 15, 8


 0, 0, 0


 171, 155, 150


 171, 142, 133


 171, 155, 150


 171, 168, 167


 171, 128, 116

 171, 177, 184


 171, 116, 99


 171, 184, 201

 171, 103, 82


 171, 192, 218

 171, 90, 65


 171, 200, 235


 171, 77, 47

 171, 208, 253

 171, 63, 30

 171, 212, 255

 171, 52, 13

 171, 213, 255

 171, 41, 0

Harmonies

Analogous

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



171, 153, 156



171, 155, 150



167, 165, 146

Triad

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



171, 155, 150



147, 157, 161



153, 156, 170

Complementary

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



171, 155, 150



150, 159, 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.



146, 154, 169



171, 155, 150



143, 153, 161

Square

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



171, 155, 150



148, 160, 154



143, 153, 165



161, 155, 167

Rectangle

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



171, 155, 150



154, 163, 145



143, 153, 165



151, 156, 170

Sweetspot

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



171, 155, 150



222, 216, 213



171, 150, 167



112, 108, 107



240, 240, 240



112, 112, 112

Same Dimension

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



171, 155, 150



222, 196, 189



161, 171, 150



87, 81, 78



150, 36, 0



23, 5, 0

Inverse Universe

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



150, 159, 171



189, 204, 222



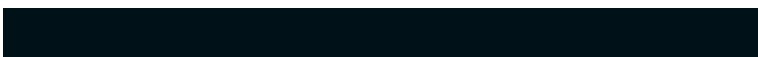
150, 155, 171



78, 82, 87



0, 67, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 171, 155, 150 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, 155, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

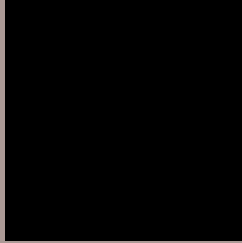
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

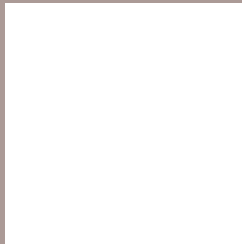
Any Text WCAG AAA ✓ Pass

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

RYB 171, 155, 150 Background



This preview shows how black text looks on a background with the RYB color 171, 155, 150.



This preview shows how white text looks on a background with the RYB color 171, 155, 150.

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, 155, 150

Protanopia

162, 162, 152

Deuteranopia

176, 152, 150



Tritanopia
173, 152, 164

Trichromacy



Original Color

171, 155, 150

Protanomaly

165, 159, 151

Deuteranomaly

174, 153, 150

Tritanomaly

172, 153, 159

Monochromacy



Original Color

171, 155, 150

Achromatopsia

159, 159, 159

Achromatomaly

163, 157, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 155, 150 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, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 150)  
}
```

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, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 150) }
```

Border

The CSS property to change the border of an element to RYB 171, 155, 150 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, 154, 150) }
```

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

```
.border{ border-color:rgb(171, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 154, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 154, 150); box-shadow:4px 4px 4px 4px rgb(171, 154, 150) }
```

Background

The CSS property to change the background color of an element to RYB 171, 155, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 150) }
```

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

```
.background{ background-color: rgb(171,  
154, 150) }
```

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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