

Converting Colors

`RYB(172, 143, 150)`

Have a look what the booklet for
RYB(172, 143, 150) contains.

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Color

R_YB(172, 143, 150)

Conversions

Conversions Part 1

Format	Color
Hex	AC8F96
RGB	172, 143, 150
RGB Percent	67%, 56%, 59%
CMY	0.3255, 0.4392, 0.4118
CMYK	0.00, 0.17, 0.13, 0.33
HSL	346°, 15%, 62%
HSV	346°, 17%, 67%
XYZ	32.3407, 30.6176, 33.0594
YIQ	152.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

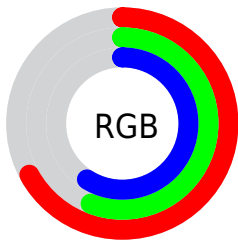
Format	Color
RYB	172, 143, 150
Decimal	11308950
CIELab	62.18, 12.07, 0.38
CIELCh	62, 12.074, 1.783
Yxy	30.6176, 0.3368, 0.3189
Android (android.graphics.Color)	4289499030 (0xFFAC8F96)
YUV	152.4690, -1.2172, 17.1287
Hunter-Lab	55.3332, 7.4954, 3.3097

Details

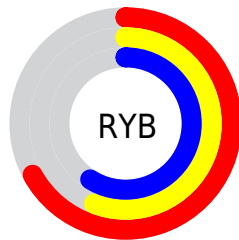
The RYB color **172, 143, 150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **143, 159, 172**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **228, 197, 204**, and **119, 93, 99** is the 20% darker color. If you saturate the color by 10%, you get **172, 126, 137**, and if you desaturate by 10%, it is **172, 160, 163**.

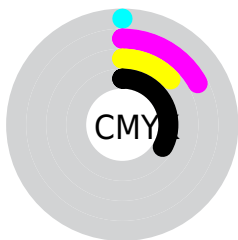
Distribution



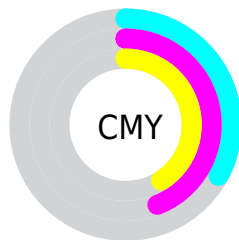
- Red (67%)
- Green (56%)
- Blue (59%)



- Red (67%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 143, 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 172, 143, 150 by changing the saturation by 10% instead.


 172, 143, 150

255, 255, 255

 228, 197, 204

 255, 225, 232

 255, 253, 255

 172, 143, 150

 145, 117, 124

 119, 93, 99

 94, 69, 75

 70, 47, 53


 48, 25, 32


 29, 0, 8


 0, 0, 0

 172, 143, 150

 172, 126, 137

 172, 143, 150

 172, 160, 163


 172, 109, 124

 172, 175, 177

 172, 91, 111

 172, 185, 195

 172, 74, 98

 172, 195, 212

 172, 57, 85

 172, 204, 229

 172, 40, 72

 172, 214, 246

 172, 23, 59

 172, 217, 255

 172, 5, 46

 172, 214, 255

 172, 0, 42

 172, 214, 255

Harmonies

Analogous

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



165, 144, 161



172, 143, 150



173, 145, 139

Triad

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



172, 143, 150



132, 153, 139



128, 144, 169

Complementary

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



172, 143, 150



143, 159, 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.



123, 141, 161



172, 143, 150



134, 151, 156

Square

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



172, 143, 150



140, 158, 129



126, 143, 157



140, 148, 171

Rectangle

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



172, 143, 150



170, 150, 134



126, 143, 157



126, 143, 167

Sweetspot

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



172, 143, 150



224, 213, 216



165, 143, 172



112, 105, 107



240, 240, 240



112, 112, 112

Same Dimension

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



172, 143, 150



224, 180, 190



172, 152, 143



87, 78, 80



150, 0, 36



23, 0, 6

Inverse Universe

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



172, 143, 150



224, 180, 190



143, 156, 172



87, 78, 80



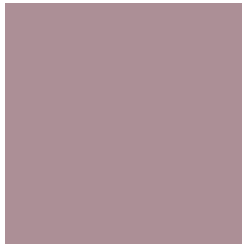
150, 0, 36



23, 0, 6

Previews

White Background



This preview shows how the RYB color 172, 143, 150 looks on a white background.

Color Contrast Check

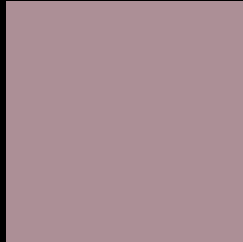
Large Text (above 18pt) WCAG AA × Fail

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 172, 143, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

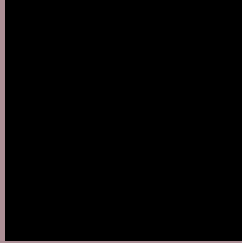
Any Text WCAG AA ✓ Pass

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 172, 143, 150 Background



This preview shows how black text looks on a background with the RYB color 172, 143, 150.



This preview shows how white text looks on a background with the RYB color 172, 143, 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
172, 143, 150

Protanopia
152, 150, 154

Deuteranopia
165, 146, 149



Tritanopia
172, 142, 154

Trichromacy



Original Color
172, 143, 150

Protanomaly
159, 147, 153

Deuteranomaly
168, 145, 149

Tritanomaly
172, 142, 153

Monochromacy



Original Color
172, 143, 150

Achromatopsia
152, 152, 152

Achromatomaly
159, 149, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 143, 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(172, 143, 150) looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 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(172, 143, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 150) }
```

Border

The CSS property to change the border of an element to RYB 172, 143, 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(172, 143, 150) }
```

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

```
.border{ border-color:rgb(172, 143, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 143, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 143, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 143,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 172, 143, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 150) }
```

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

```
.background{ background-color: rgb(172,  
143, 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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