

Converting Colors

`RYB(174, 143, 120)`

Have a look what the booklet for
RYB(174, 143, 120) contains.

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Color

R_YB(174, 143, 120)

Conversions

Conversions Part 1

Format	Color
Hex	AE8878
RGB	174, 136, 120
RGB Percent	68%, 53%, 47%
CMY	0.3176, 0.4662, 0.5294
CMYK	0.00, 0.22, 0.31, 0.32
HSL	18°, 25%, 58%
HSV	18°, 31%, 68%
XYZ	29.6682, 27.9997, 21.6101
YIQ	145.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

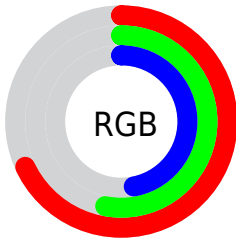
Format	Color
RYB	174, 143, 120
Decimal	11438200
CIELab	59.89, 12.07, 14.18
CIELCh	60, 18.620, 49.602
Yxy	27.9997, 0.3742, 0.3532
Android (android.graphics.Color)	4289628280 (0xFFAE8878)
YUV	145.5380, -12.5902, 24.9612
Hunter-Lab	52.9147, 7.4805, 12.8266

Details

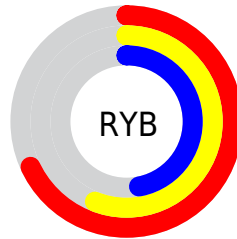
The RYB color **174, 143, 120** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **120, 142, 174**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **230, 196, 172**, and **120, 93, 71** is the 20% darker color. If you saturate the color by 10%, you get **174, 133, 103**, and if you desaturate by 10%, it is **174, 153, 137**.

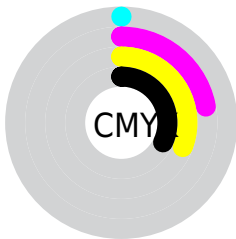
Distribution



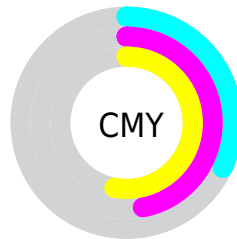
- Red (68%)
- Green (53%)
- Blue (47%)



- Red (68%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (32%)




- Cyan (32%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 143, 120 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 174, 143, 120 by changing the saturation by 10% instead.

 174, 143, 120

255, 255, 255

 230, 198, 172

 255, 225, 200

 242, 255, 228

 174, 143, 120

 147, 118, 95

 120, 93, 71


 95, 69, 49


 70, 47, 28

 47, 32, 2


 24, 0, 1


 0, 0, 0

 174, 143, 120


 174, 133, 103

 174, 143, 120


 174, 153, 137


 174, 124, 85

 174, 164, 155

 174, 114, 68

 174, 174, 172

 174, 103, 50

 174, 181, 190

 174, 93, 33

 174, 188, 207

 174, 83, 16

 174, 195, 224

 174, 74, 0

 174, 202, 242

 174, 208, 255

 174, 212, 255

Harmonies

Analogous

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



178, 133, 134



174, 143, 120



148, 162, 112

Triad

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



174, 143, 120



110, 136, 153



140, 142, 175

Complementary

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



174, 143, 120



120, 142, 174

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.



118, 138, 176



174, 143, 120



99, 127, 155

Square

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



174, 143, 120



123, 151, 147



102, 131, 169



160, 137, 166

Rectangle

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



174, 143, 120



119, 151, 112



102, 131, 169



132, 141, 176

Sweetspot

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



174, 143, 120



227, 216, 207



174, 120, 159



115, 108, 102



242, 242, 242



115, 115, 115

Same Dimension

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



174, 143, 120



227, 179, 143



135, 174, 120



87, 83, 78



150, 64, 0



23, 10, 0

Inverse Universe

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



120, 142, 174



143, 178, 227



120, 130, 174



78, 82, 87



0, 62, 150



0, 9, 23

Previews

White Background



This preview shows how the RYB color 174, 143, 120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 143, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

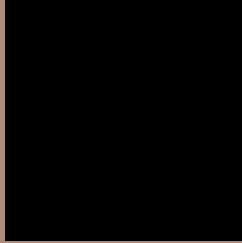
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 174, 143, 120 Background



This preview shows how black text looks on a background with the RYB color 174, 143, 120.



This preview shows how white text looks on a background with the RYB color 174, 143, 120.

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
174, 143, 120

Protanopia
135, 152, 124

Deuteranopia
167, 153, 119



Tritanopia
176, 133, 143

Trichromacy



Original Color

174, 143, 120

Protanomaly

160, 158, 123

Deuteranomaly

170, 149, 119

Tritanomaly

175, 134, 135

Monochromacy



Original Color

174, 143, 120

Achromatopsia

146, 146, 146

Achromatomaly

156, 144, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 143, 120 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(174, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 120)  
}
```

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(174, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 120) }
```

Border

The CSS property to change the border of an element to RYB 174, 143, 120 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(174, 136, 120) }
```

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

```
.border{ border-color:rgb(174, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 174, 143, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 120) }
```

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

```
.background{ background-color: rgb(174,  
136, 120) }
```

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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