

Converting Colors

`RYB(174, 104, 112)`

Have a look what the booklet for
RYB(174, 104, 112) contains.

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Color

R_YB(174, 104, 112)

Conversions

Conversions Part 1

Format	Color
Hex	AE6870
RGB	174, 104, 112
RGB Percent	68%, 41%, 44%
CMY	0.3176, 0.5922, 0.5608
CMYK	0.00, 0.40, 0.36, 0.32
HSL	353°, 30%, 55%
HSV	353°, 40%, 68%
XYZ	25.3305, 20.0692, 17.8679
YIQ	125.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

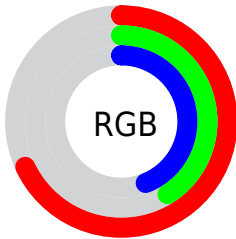
Format	Color
R_{YB}	174, 104, 112
Decimal	11430000
CIE _{Lab}	51.92, 29.03, 7.60
CIE _{LCh}	52, 30.004, 14.670
Yxy	20.0692, 0.4004, 0.3172
Android (android.graphics.Color)	4289620080 (0xFFAE6870)
YUV	125.8420, -6.8241, 42.2346
Hunter-Lab	44.7986, 22.5318, 7.7112

Details

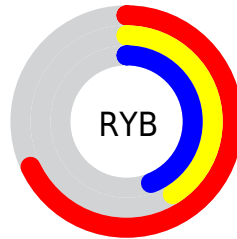
The RYB color **174, 104, 112** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104, 141, 174**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **231, 156, 164**, and **119, 55, 64** is the 20% darker color. If you saturate the color by 10%, you get **174, 87, 97**, and if you desaturate by 10%, it is **174, 121, 127**.

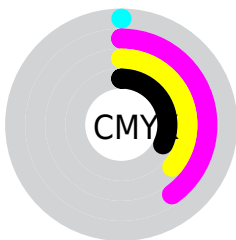
Distribution



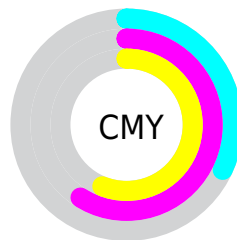
- Red (68%)
- Green (41%)
- Blue (44%)



- Red (68%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (32%)




- Cyan (32%)
- Magenta (59%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the RYB color 174, 104, 112 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, 104, 112 by changing the saturation by 10% instead.

 174, 104, 112

255, 255, 255

 231, 156, 164

 255, 183, 191


 255, 211, 218

 255, 240, 247

 174, 104, 112

 146, 79, 88

 119, 55, 64

 93, 32, 42

 67, 7, 22

 45, 0, 0

 0, 0, 0


 174, 104, 112

 174, 87, 97


 174, 69, 81

 174, 104, 112


 174, 121, 127

 174, 139, 143


 174, 52, 66

 174, 156, 158

 174, 34, 50

 174, 174, 174

 174, 17, 35

 174, 183, 191

 174, 0, 20

 174, 192, 208

 174, 202, 226

 174, 211, 243

 174, 216, 255

Harmonies

Analogous

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



166, 105, 138



174, 104, 112



169, 116, 89

Triad

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



174, 104, 112



86, 133, 120



63, 105, 173

Complementary

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



174, 104, 112



104, 141, 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.



16, 81, 159



174, 104, 112



67, 111, 137

Square

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



174, 104, 112



75, 128, 73



28, 84, 138



107, 119, 173

Rectangle

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



174, 104, 112



159, 146, 78



28, 84, 138



47, 97, 170

Sweetspot

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



174, 104, 112



227, 200, 203



166, 104, 174



115, 99, 101



242, 242, 242



115, 115, 115

Same Dimension

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



174, 104, 112



227, 118, 130



174, 148, 104



87, 78, 79



150, 0, 17



23, 0, 3

Inverse Universe

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



174, 104, 112



227, 118, 130



104, 131, 174



87, 78, 79



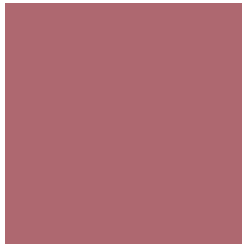
150, 0, 17



23, 0, 3

Previews

White Background



This preview shows how the RYB color 174, 104, 112 looks on a white background.

Color Contrast Check

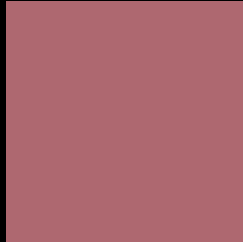
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104, 112 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, 104, 112 Background



This preview shows how black text looks on a background with the RYB color 174, 104, 112.

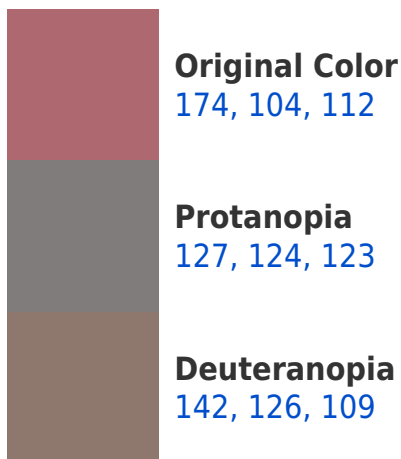


This preview shows how white text looks on a background with the RYB color 174, 104, 112.

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





Tritanopia
174, 104, 112

Trichromacy



Original Color

174, 104, 112

Protanomaly

144, 117, 119

Deuteranomaly

154, 114, 110

Tritanomaly

174, 104, 112

Monochromacy



Original Color

174, 104, 112

Achromatopsia

126, 126, 126

Achromatomaly

143, 118, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 104, 112 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, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(174, 104, 112)  
}
```

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, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 104, 112) }
```

Border

The CSS property to change the border of an element to RYB 174, 104, 112 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, 104, 112) }
```

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

```
.border{ border-color:rgb(174, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(174, 104,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 174, 104, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 104, 112) }
```

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

```
.background{ background-color: rgb(174,  
104, 112) }
```

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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