

Converting Colors

`RYB(171, 104, 111)`

Have a look what the booklet for
RYB(171, 104, 111) contains.

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Color

`RYB(171, 104, 111)`

Conversions

Conversions Part 1

Format	Color
Hex	AB686F
RGB	171, 104, 111
RGB Percent	67%, 41%, 44%
CMY	0.3294, 0.5922, 0.5647
CMYK	0.00, 0.39, 0.35, 0.33
HSL	354°, 29%, 54%
HSV	354°, 39%, 67%
XYZ	24.6141, 19.7063, 17.5453
YIQ	124.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

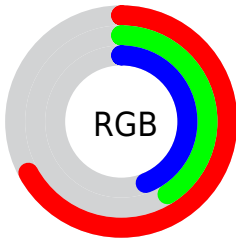
Format	Color
R_{YB}	171, 104, 111
Decimal	11233391
CIE _{Lab}	51.50, 27.74, 7.55
CIE _{LCh}	52, 28.749, 15.229
Yxy	19.7063, 0.3979, 0.3185
Android (android.graphics.Color)	4289423471 (0xFFAB686F)
YUV	124.8310, -6.8187, 40.4902
Hunter-Lab	44.3917, 21.2884, 7.6405

Details

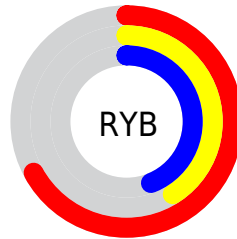
The RYB color **171, 104, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104, 139, 171**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **228, 156, 163**, and **116, 55, 63** is the 20% darker color. If you saturate the color by 10%, you get **171, 87, 96**, and if you desaturate by 10%, it is **171, 121, 126**.

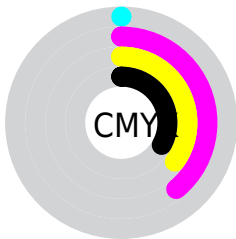
Distribution



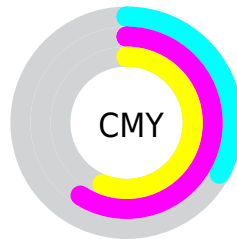
- Red (67%)
- Green (41%)
- Blue (44%)



- Red (67%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (33%)




- Cyan (33%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 104, 111 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, 104, 111 by changing the saturation by 10% instead.

 171, 104, 111


255, 255, 255


 228, 156, 163


 255, 183, 190


 255, 211, 217

 255, 240, 246

 171, 104, 111

 171, 87, 96

 171, 70, 80

 171, 104, 111

 143, 79, 87


 116, 55, 63


 90, 32, 42


 65, 8, 21

 43, 0, 0

 0, 0, 0

 171, 104, 111

 171, 121, 126

 171, 138, 142

■ 171, 53, 65

■ 171, 155, 157

■ 171, 36, 50

■ 171, 172, 172

■ 171, 18, 34

■ 171, 180, 189

■ 171, 1, 19

■ 171, 190, 207

■ 171, 0, 18

■ 171, 199, 224

■ 171, 208, 241

■ 171, 215, 255

Harmonies

Analogous

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



163, 105, 136



171, 104, 111



166, 116, 89

Triad

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



171, 104, 111



87, 131, 119



67, 106, 170

Complementary

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



171, 104, 111



104, 139, 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.



29, 87, 157



171, 104, 111



68, 110, 135

Square

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



171, 104, 111



77, 127, 75



36, 86, 136



108, 119, 170

Rectangle

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



171, 104, 111



156, 143, 79



36, 86, 136



53, 99, 167

Sweetspot

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



171, 104, 111



222, 195, 198



163, 104, 171



112, 96, 98



240, 240, 240



112, 112, 112

Same Dimension

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



171, 104, 111



222, 118, 128



171, 146, 104



87, 78, 79



150, 0, 16



23, 0, 2

Inverse Universe

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



171, 104, 111



222, 118, 128



104, 129, 171



87, 78, 79



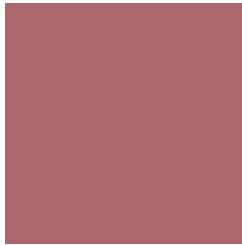
150, 0, 16



23, 0, 2

Previews

White Background



This preview shows how the RYB color 171, 104, 111 looks on a white background.

Color Contrast Check

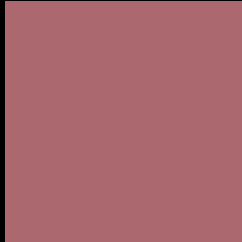
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 104, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

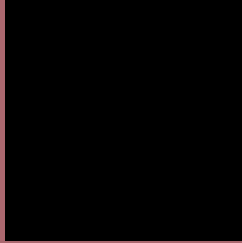
Any Text WCAG AA ✓ Pass

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 171, 104, 111 Background



This preview shows how black text looks on a background with the RYB color 171, 104, 111.



This preview shows how white text looks on a background with the RYB color 171, 104, 111.

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, 104, 111

Protanopia
126, 124, 121

Deuteranopia
140, 125, 108



Tritanopia
171, 104, 112

Trichromacy



Original Color

171, 104, 111

Protanomaly

142, 116, 117

Deuteranomaly

151, 115, 109

Tritanomaly

171, 104, 112

Monochromacy



Original Color

171, 104, 111

Achromatopsia

125, 125, 125

Achromatomaly

142, 117, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 104, 111 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, 104, 111)` looks like.

```
.text, #text, p{  
    color:rgb(171, 104, 111)  
}
```

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, 104, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 104, 111) }
```

Border

The CSS property to change the border of an element to RYB 171, 104, 111 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, 104, 111) }
```

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

```
.border{ border-color:rgb(171, 104, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 104, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 104, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 104, 111);  
box-shadow:4px 4px 4px 4px rgb(171, 104,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 171, 104, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 104, 111) }
```

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

```
.background{ background-color: rgb(171,  
104, 111) }
```

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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