

Converting Colors

`RYB(170, 111, 108)`

Have a look what the booklet for
RYB(170, 111, 108) contains.

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Color

R_YB(170, 111, 108)

Conversions

Conversions Part 1

Format	Color
Hex	AA6F6C
RGB	170, 111, 108
RGB Percent	67%, 44%, 42%
CMY	0.3333, 0.5652, 0.5765
CMYK	0.00, 0.35, 0.36, 0.33
HSL	3°, 27%, 55%
HSV	3°, 36%, 67%
XYZ	24.9537, 20.9674, 16.9193
YIQ	128.2990, 36.1270, 11.5750

Conversions

Conversions Part 2

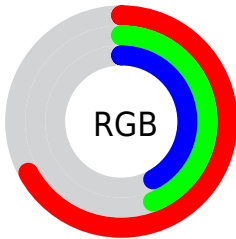
Format	Color
R_{YB}	170, 111, 108
Decimal	11169644
CIE _{Lab}	52.91, 23.12, 11.29
CIE _{LCh}	53, 25.730, 26.035
Yxy	20.9674, 0.3971, 0.3337
Android (android.graphics.Color)	4289359724 (0xFFAA6F6C)
YUV	128.2990, -10.0074, 36.5718
Hunter-Lab	45.7902, 17.1419, 10.1458

Details

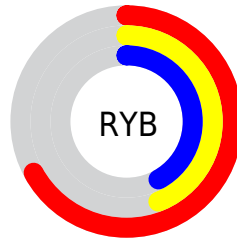
The RYB color **170, 111, 108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 138, 170**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **227, 163, 159**, and **116, 62, 61** is the 20% darker color. If you saturate the color by 10%, you get **170, 95, 91**, and if you desaturate by 10%, it is **170, 127, 125**.

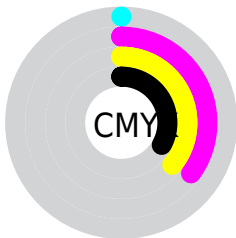
Distribution



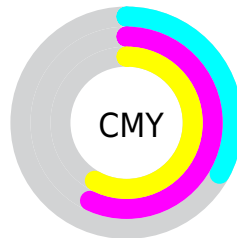
- Red (67%)
- Green (44%)
- Blue (42%)



- Red (67%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (36%)
- Black (33%)




- Cyan (33%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 111, 108 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 170, 111, 108 by changing the saturation by 10% instead.

 170, 111, 108


255, 255, 255

 227, 163, 159


 255, 190, 186


 255, 218, 214

 255, 250, 242

 170, 111, 108

 143, 86, 84


 116, 62, 61

 90, 39, 39

 64, 17, 19


 42, 0, 0


 0, 0, 0


 170, 111, 108

 170, 95, 91

 170, 78, 74

 170, 111, 108

 170, 127, 125

 170, 143, 142

170, 62, 57

170, 160, 159

170, 46, 40

170, 173, 176

170, 30, 23

170, 181, 193

170, 14, 6

170, 189, 210

170, 8, 0

170, 198, 227

170, 206, 244

170, 213, 255

Harmonies

Analogous

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



167, 110, 130



170, 111, 108



162, 131, 90

Triad

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



170, 111, 108



96, 132, 136



92, 117, 170

Complementary

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



170, 111, 108



108, 138, 170

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.



61, 104, 162



170, 111, 108



70, 109, 138

Square

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



170, 111, 108



86, 131, 95



52, 97, 145



125, 122, 166

Rectangle

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



170, 111, 108



138, 151, 84



52, 97, 145



81, 113, 169

Sweetspot

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



170, 111, 108



222, 199, 197



170, 108, 168



112, 98, 98



240, 240, 240



112, 112, 112

Same Dimension

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



170, 111, 108



222, 129, 124



162, 170, 108



84, 76, 76



148, 7, 0



20, 1, 0

Inverse Universe

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



108, 138, 170



124, 172, 222



108, 128, 170



76, 80, 84



0, 72, 148



0, 10, 20

Previews

White Background



This preview shows how the RYB color 170, 111, 108 looks on a white background.

Color Contrast Check

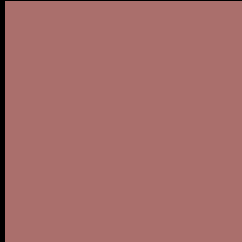
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 111, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

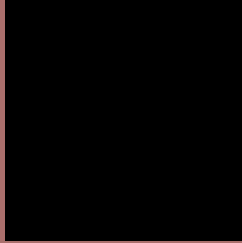
Any Text WCAG AA ✓ Pass

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 170, 111, 108 Background



This preview shows how black text looks on a background with the RYB color 170, 111, 108.



This preview shows how white text looks on a background with the RYB color 170, 111, 108.

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
170, 111, 108

Protanopia
126, 132, 116

Deuteranopia
146, 133, 106



Tritanopia
171, 109, 118

Trichromacy



Original Color

170, 111, 108

Protanomaly

146, 122, 113

Deuteranomaly

155, 121, 107

Tritanomaly

171, 110, 114

Monochromacy



Original Color

170, 111, 108

Achromatopsia

128, 128, 128

Achromatomaly

143, 122, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 111, 108 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(170, 111, 108)` looks like.

```
.text, #text, p{  
    color:rgb(170, 111, 108)  
}
```

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(170, 111, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 111, 108) }
```

Border

The CSS property to change the border of an element to RYB 170, 111, 108 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(170, 111, 108) }
```

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

```
.border{ border-color:rgb(170, 111, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 111, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 111, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 111, 108);  
box-shadow:4px 4px 4px 4px rgb(170, 111,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 170, 111, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 111, 108) }
```

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

```
.background{ background-color: rgb(170,  
111, 108) }
```

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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