

Converting Colors

`RYB(171, 114, 113)`

Have a look what the booklet for
RYB(171, 114, 113) contains.

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Color

R_YB(171, 114, 113)

Conversions

Conversions Part 1

Format	Color
Hex	AB7271
RGB	171, 114, 113
RGB Percent	67%, 45%, 44%
CMY	0.3294, 0.5530, 0.5569
CMYK	0.00, 0.33, 0.34, 0.33
HSL	1°, 26%, 56%
HSV	1°, 34%, 67%
XYZ	25.7906, 21.8810, 18.4869
YIQ	130.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

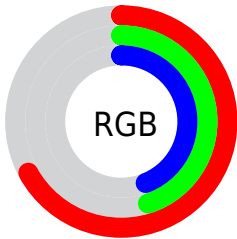
Format	Color
RYB	171, 114, 113
Decimal	11235953
CIELab	53.90, 22.41, 9.77
CIELCh	54, 24.444, 23.562
Yxy	21.8810, 0.3898, 0.3307
Android (android.graphics.Color)	4289426033 (0xFFAB7271)
YUV	130.9290, -8.8390, 35.1423
Hunter-Lab	46.7771, 16.5563, 9.3118

Details

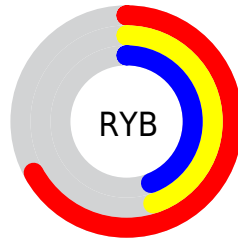
The RYB color **171, 114, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113, 142, 171**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **228, 166, 165**, and **117, 65, 65** is the 20% darker color. If you saturate the color by 10%, you get **171, 97, 96**, and if you desaturate by 10%, it is **171, 131, 130**.

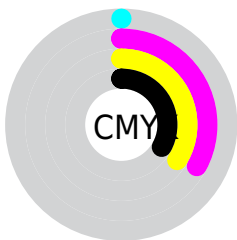
Distribution



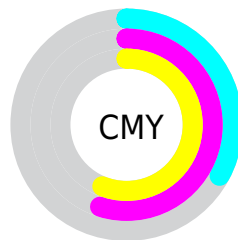
- Red (67%)
- Green (45%)
- Blue (44%)



- Red (67%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (34%)
- Black (33%)




- Cyan (33%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 114, 113 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, 114, 113 by changing the saturation by 10% instead.

 171, 114, 113


255, 255, 255

 228, 166, 165

 255, 194, 192


 255, 222, 220

 255, 251, 248

 171, 114, 113

 144, 89, 89


 117, 65, 65


 91, 42, 43


 66, 20, 23


 43, 0, 0


 0, 0, 0


 171, 114, 113


 171, 97, 96


 171, 80, 79


 171, 114, 113


 171, 131, 130


 171, 148, 147


 171, 64, 62


 171, 164, 164


 171, 47, 45


 171, 176, 181


 171, 30, 27

 171, 185, 198

 171, 13, 10

 171, 193, 216

 171, 3, 0

 171, 202, 233

 171, 210, 250

 171, 213, 255

Harmonies

Analogous

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



167, 114, 134



171, 114, 113



164, 131, 96

Triad

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



171, 114, 113



102, 137, 138



95, 120, 170

Complementary

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



171, 114, 113



113, 142, 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.



68, 108, 162



171, 114, 113



78, 114, 140

Square

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



171, 114, 113



90, 133, 97



62, 102, 145



126, 125, 167

Rectangle

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



171, 114, 113



145, 154, 89



62, 102, 145



85, 116, 169

Sweetspot

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



171, 114, 113



222, 200, 200



171, 113, 170



112, 99, 99



240, 240, 240



112, 112, 112

Same Dimension

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



171, 114, 113



222, 132, 131



167, 171, 113



87, 78, 78



150, 3, 0



23, 0, 0

Inverse Universe

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



113, 142, 171



131, 176, 222



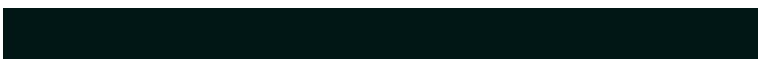
113, 132, 171



78, 83, 87



0, 74, 150



0, 12, 23

Previews

White Background



This preview shows how the RYB color 171, 114, 113 looks on a white background.

Color Contrast Check

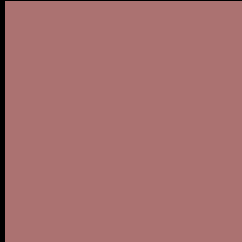
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114, 113 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, 114, 113 Background



This preview shows how black text looks on a background with the RYB color 171, 114, 113.



This preview shows how white text looks on a background with the RYB color 171, 114, 113.

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, 114, 113](#)

Protanopia
[129, 134, 121](#)

Deuteranopia
[148, 131, 111](#)



Tritanopia
172, 113, 121

Trichromacy



Original Color

171, 114, 113

Protanomaly

147, 126, 118

Deuteranomaly

156, 122, 112

Tritanomaly

172, 113, 118

Monochromacy



Original Color

171, 114, 113

Achromatopsia

131, 131, 131

Achromatomaly

146, 125, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 114, 113 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, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 113)  
}
```

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, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 113) }
```

Border

The CSS property to change the border of an element to RYB 171, 114, 113 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, 114, 113) }
```

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

```
.border{ border-color:rgb(171, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(171, 114,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 171, 114, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 114, 113) }
```

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

```
.background{ background-color: rgb(171,  
114, 113) }
```

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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