

Converting Colors

`RYB(171, 132, 140)`

Have a look what the booklet for
RYB(171, 132, 140) contains.

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Color

R_YB(171, 132, 140)

Conversions

Conversions Part 1

Format	Color
Hex	AB848C
RGB	171, 132, 140
RGB Percent	67%, 52%, 55%
CMY	0.3294, 0.4824, 0.4510
CMYK	0.00, 0.23, 0.18, 0.33
HSL	348°, 19%, 59%
HSV	348°, 23%, 67%
XYZ	29.7795, 27.0539, 28.4633
YIQ	144.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

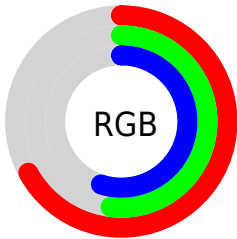
Format	Color
R_{YB}	171, 132, 140
Decimal	11240588
CIE _{Lab}	59.02, 16.22, 1.47
CIE _{LCh}	59, 16.283, 5.184
Yxy	27.0539, 0.3491, 0.3172
Android (android.graphics.Color)	4289430668 (0xFFAB848C)
YUV	144.5730, -2.2545, 23.1765
Hunter-Lab	52.0134, 11.1741, 3.9640

Details

The RYB color **171, 132, 140** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 154, 171**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **227, 185, 193**, and **118, 82, 90** is the 20% darker color. If you saturate the color by 10%, you get **171, 115, 126**, and if you desaturate by 10%, it is **171, 149, 154**.

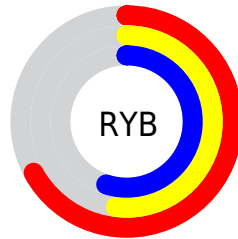
Distribution



Red (67%)

Green (52%)

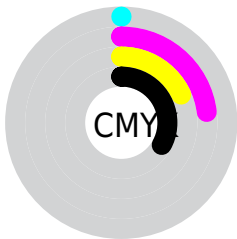
Blue (55%)



Red (67%)

Yellow (52%)

Blue (55%)

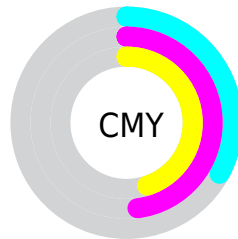


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 132, 140 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, 132, 140 by changing the saturation by 10% instead.


 171, 132, 140


255, 255, 255


 227, 185, 193


 255, 213, 221

 255, 241, 250

 171, 132, 140

 144, 107, 115

 118, 82, 90


 93, 59, 67

 69, 37, 45


 45, 16, 24


 25, 0, 1


 0, 0, 0


 171, 132, 140

 171, 115, 126


 171, 132, 140


 171, 149, 154


 171, 98, 113


 171, 166, 167


 171, 81, 99

 171, 178, 183

 171, 64, 86


 171, 187, 200

 171, 47, 72

 171, 197, 218


 171, 29, 58

 171, 207, 235

 171, 12, 45

 171, 216, 252

 171, 0, 35

 171, 215, 255

 171, 213, 255

Harmonies

Analogous

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



163, 134, 154



171, 132, 140



171, 134, 126

Triad

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



171, 132, 140



118, 146, 129



112, 133, 167

Complementary

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



171, 132, 140



132, 154, 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.



104, 129, 158



171, 132, 140



119, 141, 149

Square

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



171, 132, 140



126, 151, 114



107, 130, 150



129, 139, 170

Rectangle

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



171, 132, 140



167, 145, 119



107, 130, 150



108, 132, 165

Sweetspot

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



171, 132, 140



222, 206, 210



163, 132, 171



112, 103, 105



240, 240, 240



112, 112, 112

Same Dimension

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



171, 132, 140



222, 162, 174



171, 147, 132



87, 78, 80



150, 0, 31



23, 0, 5

Inverse Universe

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



171, 132, 140



222, 162, 174



132, 148, 171



87, 78, 80



150, 0, 31



23, 0, 5

Previews

White Background



This preview shows how the RYB color 171, 132, 140 looks on a white background.

Color Contrast Check

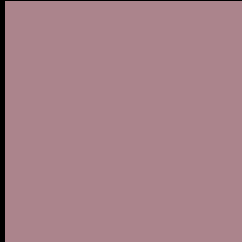
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132, 140 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](#).

R Y B 171, 132, 140 Background



This preview shows how black text looks on a background with the R Y B color 171, 132, 140.



This preview shows how white text looks on a background with the R Y B color 171, 132, 140.

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, 132, 140

Protanopia

144, 142, 145

Deuteranopia

157, 138, 139



Tritanopia
171, 132, 142

Trichromacy



Original Color

171, 132, 140

Protanomaly

154, 138, 143

Deuteranomaly

162, 136, 139

Tritanomaly

171, 132, 141

Monochromacy



Original Color

171, 132, 140

Achromatopsia

145, 145, 145

Achromatomaly

154, 140, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 132, 140 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, 132, 140) looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 140)  
}
```

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, 132, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 140) }
```

Border

The CSS property to change the border of an element to RYB 171, 132, 140 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, 132, 140) }
```

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

```
.border{ border-color:rgb(171, 132, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 171, 132, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 140) }
```

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

```
.background{ background-color: rgb(171,  
132, 140) }
```

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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