

Converting Colors

`RYB(172, 134, 139)`

Have a look what the booklet for
RYB(172, 134, 139) contains.

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Color

R_YB(172, 134, 139)

Conversions

Conversions Part 1

Format	Color
Hex	AC868B
RGB	172, 134, 139
RGB Percent	67%, 53%, 55%
CMY	0.3255, 0.4745, 0.4549
CMYK	0.00, 0.22, 0.19, 0.33
HSL	352°, 19%, 60%
HSV	352°, 22%, 67%
XYZ	30.1986, 27.6849, 28.1782
YIQ	145.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

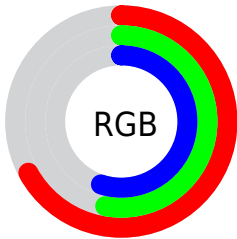
Format	Color
R_{YB}	172, 134, 139
Decimal	11306635
CIE _{Lab}	59.60, 15.31, 2.90
CIE _{LCh}	60, 15.579, 10.720
Yxy	27.6849, 0.3509, 0.3217
Android (android.graphics.Color)	4289496715 (0xFFAC868B)
YUV	145.9320, -3.4175, 22.8616
Hunter-Lab	52.6165, 10.3690, 5.0794

Details

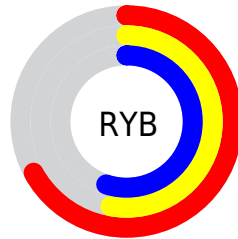
The RYB color **172, 134, 139** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **134, 154, 172**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **228, 187, 192**, and **119, 84, 89** is the 20% darker color. If you saturate the color by 10%, you get **172, 117, 124**, and if you desaturate by 10%, it is **172, 151, 154**.

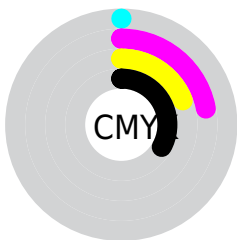
Distribution



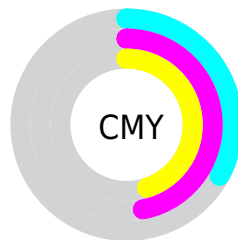
- Red (67%)
- Green (53%)
- Blue (55%)



- Red (67%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 134, 139 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 172, 134, 139 by changing the saturation by 10% instead.

 172, 134, 139

255, 255, 255

 228, 187, 192

 255, 215, 220

 255, 244, 249

 172, 134, 139

 145, 109, 114

 119, 84, 89

 94, 61, 66

 70, 39, 44


 46, 18, 23

 27, 0, 1


 0, 0, 0

 172, 134, 139

 172, 117, 124

 172, 134, 139

 172, 151, 154

 172, 100, 109

 172, 168, 169

 172, 82, 94

 172, 180, 186

 172, 65, 79

 172, 189, 203

 172, 48, 64

 172, 198, 220

 172, 31, 49

 172, 207, 237

 172, 14, 34

 172, 216, 254

 172, 0, 23

 172, 214, 255

Harmonies

Analogous

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



166, 135, 153



172, 134, 139



171, 139, 126

Triad

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



172, 134, 139



123, 148, 137



118, 136, 169

Complementary

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



172, 134, 139



134, 154, 172

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.



108, 131, 161



172, 134, 139



119, 141, 151

Square

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



172, 134, 139



123, 149, 117



109, 132, 152



135, 142, 170

Rectangle

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



172, 134, 139



166, 150, 120



109, 132, 152



113, 135, 167

Sweetspot

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



172, 134, 139



224, 209, 211



167, 134, 172



112, 103, 104



240, 240, 240



112, 112, 112

Same Dimension

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



172, 134, 139



224, 164, 172



172, 156, 134



87, 78, 79



150, 0, 20



23, 0, 3

Inverse Universe

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



172, 134, 139



224, 164, 172



134, 149, 172



87, 78, 79



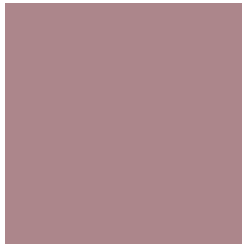
150, 0, 20



23, 0, 3

Previews

White Background



This preview shows how the RYB color 172, 134, 139 looks on a white background.

Color Contrast Check

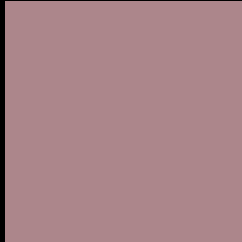
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 134, 139 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 172, 134, 139 Background



This preview shows how black text looks on a background with the RYB color 172, 134, 139.



This preview shows how white text looks on a background with the RYB color 172, 134, 139.

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


172, 134, 139

Protanopia

146, 143, 144

Deuteranopia

160, 139, 138



Tritanopia
173, 133, 144

Trichromacy



Original Color

172, 134, 139

Protanomaly

155, 140, 142

Deuteranomaly

164, 137, 138

Tritanomaly

173, 133, 142

Monochromacy



Original Color

172, 134, 139

Achromatopsia

146, 146, 146

Achromatomaly

155, 142, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 134, 139 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(172, 134, 139) looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 139)  
}
```

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(172, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 139) }
```

Border

The CSS property to change the border of an element to RYB 172, 134, 139 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(172, 134, 139) }
```

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

```
.border{ border-color:rgb(172, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 172, 134, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 139) }
```

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

```
.background{ background-color: rgb(172,  
134, 139) }
```

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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