

Converting Colors

`RYB(172, 134, 142)`

Have a look what the booklet for
RYB(172, 134, 142) contains.

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Color

R_YB(172, 134, 142)

Conversions

Conversions Part 1

Format	Color
Hex	AC868E
RGB	172, 134, 142
RGB Percent	67%, 53%, 56%
CMY	0.3255, 0.4745, 0.4431
CMYK	0.00, 0.22, 0.17, 0.33
HSL	347°, 19%, 60%
HSV	347°, 22%, 67%
XYZ	30.4208, 27.7738, 29.3487
YIQ	146.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

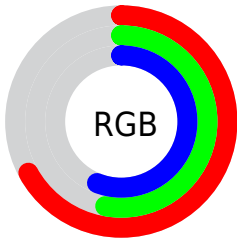
Format	Color
RYB	172, 134, 142
Decimal	11306638
CIELab	59.68, 15.79, 1.30
CIELCh	60, 15.846, 4.692
Yxy	27.7738, 0.3475, 0.3173
Android (android.graphics.Color)	4289496718 (0xFFAC868E)
YUV	146.2740, -2.1071, 22.5617
Hunter-Lab	52.7009, 10.8100, 3.8725

Details

The RYB color **172, 134, 142** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **134, 155, 172**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **228, 187, 196**, and **119, 84, 92** is the 20% darker color. If you saturate the color by 10%, you get **172, 117, 128**, and if you desaturate by 10%, it is **172, 151, 156**.

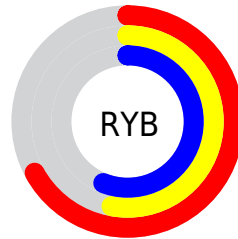
Distribution



Red (67%)

Green (53%)

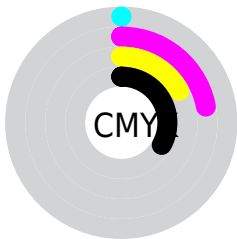
Blue (56%)



Red (67%)

Yellow (53%)

Blue (56%)

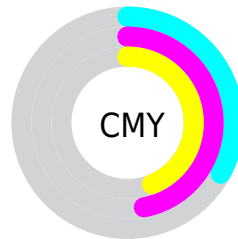


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the RYB color 172, 134, 142 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, 142 by changing the saturation by 10% instead.

 172, 134, 142

255, 255, 255

 228, 187, 196

 255, 215, 224

 255, 244, 252


 172, 134, 142

 145, 109, 116

 119, 84, 92

 94, 61, 68

 70, 39, 46

 46, 18, 26

 28, 0, 1


 0, 0, 0

 172, 134, 142

 172, 117, 128

 172, 134, 142

 172, 151, 156

 172, 100, 115

 172, 168, 169


 172, 82, 101

 172, 180, 186

 172, 65, 88

 172, 189, 203

 172, 48, 74

 172, 199, 220

 172, 31, 61

 172, 208, 237

 172, 14, 47

 172, 218, 254

 172, 0, 36

 172, 215, 255

 172, 214, 255

Harmonies

Analogous

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



164, 136, 156



172, 134, 142



172, 136, 129

Triad

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



172, 134, 142



121, 148, 132



115, 135, 168

Complementary

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



172, 134, 142



134, 155, 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.



107, 131, 159



172, 134, 142



121, 144, 151

Square

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



172, 134, 142



128, 152, 116



110, 133, 152



131, 141, 171

Rectangle

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



172, 134, 142



168, 147, 122



110, 133, 152



111, 134, 166

Sweetspot

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



172, 134, 142



224, 209, 212



164, 134, 172



112, 103, 105



240, 240, 240



112, 112, 112

Same Dimension

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



172, 134, 142



224, 164, 177



172, 149, 134



87, 78, 80



150, 0, 32



23, 0, 5

Inverse Universe

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



172, 134, 142



224, 164, 177



134, 150, 172



87, 78, 80



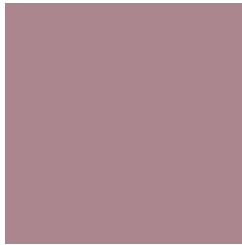
150, 0, 32



23, 0, 5

Previews

White Background



This preview shows how the RYB color 172, 134, 142 looks on a white background.

Color Contrast Check

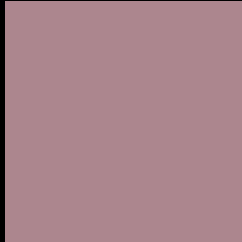
Large Text (above 18pt) WCAG AA ✓ Pass

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, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

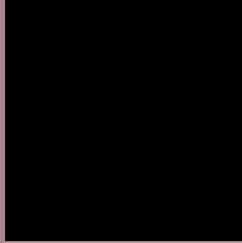
Any Text WCAG AA ✓ Pass

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](#).

RYP 172, 134, 142 Background



This preview shows how black text looks on a background with the RYP color 172, 134, 142.



This preview shows how white text looks on a background with the RYP color 172, 134, 142.

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, 142

Protanopia

146, 143, 147

Deuteranopia

159, 139, 141



Tritanopia

172, 134, 144

Trichromacy



Original Color
172, 134, 142

Protanomaly
155, 140, 145

Deuteranomaly
164, 137, 141

Tritanomaly
172, 134, 143

Monochromacy



Original Color
172, 134, 142

Achromatopsia
146, 146, 146

Achromatomaly
155, 142, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 134, 142 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, 142) looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 142) }
```

Border

The CSS property to change the border of an element to RYB 172, 134, 142 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, 142) }
```

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

```
.border{ border-color:rgb(172, 134, 142) }
```

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, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 142);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 172, 134, 142 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, 142) }
```

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

```
.background{ background-color: rgb(172,  
134, 142) }
```

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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