

Converting Colors

`RYB(174, 142, 173)`

Have a look what the booklet for RYB(174, 142, 173) contains.

RYB(174, 142, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_{YB}(174, 142, 173)

Conversions

Conversions Part 1

Format	Color
Hex	AE8EAD
RGB	174, 142, 173
RGB Percent	68%, 56%, 68%
CMY	0.3176, 0.4431, 0.3216
CMYK	0.00, 0.18, 0.01, 0.32
HSL	302°, 16%, 62%
HSV	302°, 18%, 68%
XYZ	34.6714, 31.3618, 43.7612
YIQ	155.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

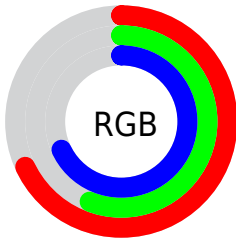
Format	Color
RYB	174, 142, 173
Decimal	11439789
CIELab	62.81, 17.55, -11.71
CIElCh	63, 21.100, 326.282
Yxy	31.3618, 0.3158, 0.2856
Android (android.graphics.Color)	4289629869 (0xFFAE8EAD)
YUV	155.1020, 8.8237, 16.5735
Hunter-Lab	56.0016, 12.5090, -7.1297

Details

The RYB color **174, 142, 173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 173, 174**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **230, 196, 228**, and **121, 92, 121** is the 20% darker color. If you saturate the color by 10%, you get **174, 125, 172**, and if you desaturate by 10%, it is **174, 159, 174**.

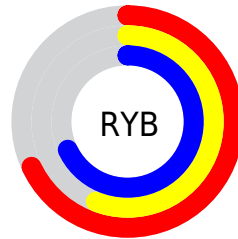
Distribution



Red (68%)

Green (56%)

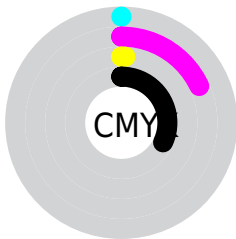
Blue (68%)



Red (68%)

Yellow (56%)

Blue (68%)

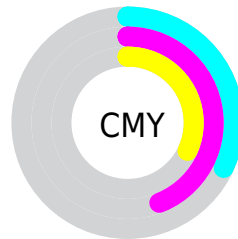


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (32%)



Cyan (32%)


Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 142, 173 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 174, 142, 173 by changing the saturation by 10% instead.


 174, 142, 173

255, 255, 255

 230, 196, 228


 255, 224, 255

 255, 253, 255

 174, 142, 173

 147, 116, 146

 121, 92, 121


 96, 68, 96


 72, 45, 72


 49, 24, 50

 30, 0, 29

 0, 0, 0

 174, 142, 173

 174, 125, 172

 174, 142, 173

 174, 159, 174

■ 174, 107, 172

■ 174, 177, 177

■ 174, 90, 171

■ 174, 193, 194

■ 174, 72, 171

■ 174, 211, 212

■ 174, 55, 170

■ 174, 227, 229

■ 174, 38, 170

■ 174, 244, 246

■ 174, 20, 169

■ 174, 252, 255

■ 174, 3, 169

■ 174, 251, 255

■ 174, 0, 169

Harmonies

Analogous

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



152, 148, 185



174, 142, 173



187, 139, 155

Triad

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



174, 142, 173



142, 168, 115



99, 132, 168

Complementary

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



174, 142, 173



142, 173, 174

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, 139, 162



174, 142, 173



118, 156, 126

Square

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



174, 142, 173



183, 158, 121



127, 156, 160



105, 137, 182

Rectangle

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



174, 142, 173



191, 139, 142



127, 156, 160



100, 132, 163

Sweetspot

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



174, 142, 173



227, 213, 227



143, 142, 174



115, 107, 114



242, 242, 242



115, 115, 115

Same Dimension

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



174, 142, 173



227, 177, 225



174, 142, 157



87, 78, 86



150, 0, 146



23, 0, 22

Inverse Universe

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



174, 142, 173



227, 177, 225



142, 163, 174



87, 78, 86



150, 0, 146



23, 0, 22

Previews

White Background



This preview shows how the RYB color 174, 142, 173 looks on a white background.

Color Contrast Check

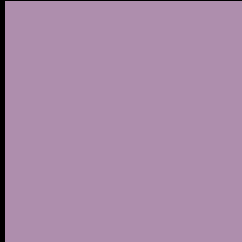
Large Text (above 18pt) WCAG AA × Fail

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 174, 142, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

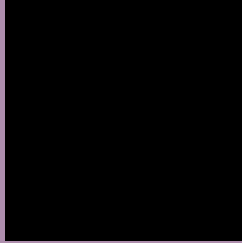
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 174, 142, 173 Background



This preview shows how black text looks on a background with the RYB color 174, 142, 173.



This preview shows how white text looks on a background with the RYB color 174, 142, 173.

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

[174](#), [142](#), [173](#)

Protanopia

[147](#), [151](#), [179](#)

Deuteranopia

[158](#), [148](#), [172](#)



Tritanopia
172, 145, 156

Trichromacy



Original Color
174, 142, 173

Protanomaly
157, 148, 177

Deuteranomaly
164, 146, 172

Tritanomaly
173, 144, 162

Monochromacy



Original Color
174, 142, 173

Achromatopsia
155, 155, 155

Achromatomaly
162, 150, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 142, 173 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(174, 142, 173) looks like.

```
.text, #text, p{  
    color:rgb(174, 142, 173)  
}
```

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(174, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 142, 173) }
```

Border

The CSS property to change the border of an element to RYB 174, 142, 173 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(174, 142, 173) }
```

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

```
.border{ border-color:rgb(174, 142, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 142, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 142,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 174, 142, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 142, 173) }
```

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

```
.background{ background-color: rgb(174,  
142, 173) }
```

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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