

Converting Colors

`RYB(142, 120, 159)`

Have a look what the booklet for
RYB(142, 120, 159) contains.

RYB(142, 120, 159)	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(142, 120, 159)

Conversions

Conversions Part 1

Format	Color
Hex	8E789F
RGB	142, 120, 159
RGB Percent	56%, 47%, 62%
CMY	0.4431, 0.5294, 0.3765
CMYK	0.11, 0.25, 0.00, 0.38
HSL	274°, 17%, 55%
HSV	274°, 25%, 62%
XYZ	24.1298, 21.6869, 35.7151
YIQ	131.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

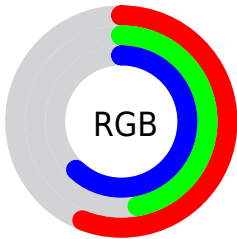
Format	Color
R_{YB}	142, 120, 159
Decimal	9336991
CIE _{Lab}	53.69, 16.20, -17.77
CIE _{LCh}	54, 24.043, 312.348
Yxy	21.6869, 0.2960, 0.2660
Android (android.graphics.Color)	4287527071 (0xFF8E789F)
YUV	131.0240, 13.7922, 9.6260
Hunter-Lab	46.5692, 10.9935, -12.8725

Details

The RYB color **142, 120, 159** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120, 159, 142**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **196, 172, 214**, and **91, 71, 107** is the 20% darker color. If you saturate the color by 10%, you get **135, 104, 159**, and if you desaturate by 10%, it is **149, 136, 159**.

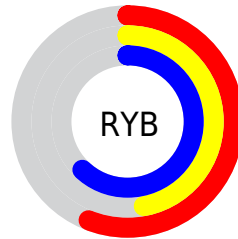
Distribution



Red (56%)

Green (47%)

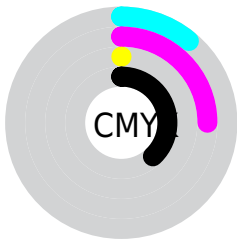
Blue (62%)



Red (56%)

Yellow (47%)

Blue (62%)

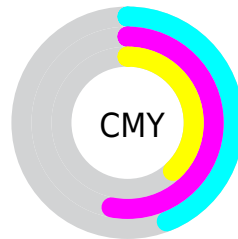


Cyan (11%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 120, 159 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 142, 120, 159 by changing the saturation by 10% instead.

■ 142, 120, 159

255, 255, 255

■ 196, 172, 214

■ 224, 200, 242

■ 253, 228, 255

■ 142, 120, 159

■ 116, 95, 133

■ 91, 71, 107

■ 67, 49, 83

■ 45, 27, 60

■ 25, 3, 38

■ 0, 1, 16

■ 0, 0, 0

■ 142, 120, 159


■ 135, 104, 159

■ 142, 120, 159


■ 149, 136, 159

 128, 88, 159

 156, 152, 159

 121, 72, 159


 159, 168, 164

 114, 56, 159


 159, 184, 173

 107, 40, 159


 159, 200, 182

 100, 25, 159

 159, 215, 190

 93, 9, 159

 159, 231, 199

 90, 0, 159

 159, 247, 209

 159, 255, 210

Harmonies

Analogous

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



114, 125, 169



142, 120, 159



162, 114, 141

Triad

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



142, 120, 159



148, 154, 89



67, 105, 140

Complementary

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



142, 120, 159



120, 159, 142

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.



87, 121, 139



142, 120, 159



92, 134, 88

Square

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



142, 120, 159



167, 120, 101



97, 135, 121



64, 105, 155

Rectangle

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



142, 120, 159



168, 113, 127



97, 135, 121



73, 109, 140

Sweetspot

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



142, 120, 159



200, 192, 207



120, 132, 159



101, 96, 105



232, 232, 232



105, 105, 105

Same Dimension

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



142, 120, 159



180, 147, 207



159, 120, 157



76, 71, 79



81, 0, 143



9, 0, 15

Inverse Universe

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



159, 120, 137



207, 147, 173



120, 157, 159



79, 71, 75



143, 0, 62



15, 0, 7

Previews

White Background



This preview shows how the RYB color 142, 120, 159 looks on a white background.

Color Contrast Check

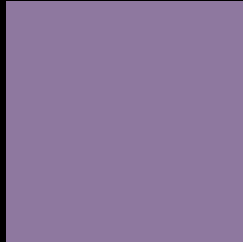
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 120, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

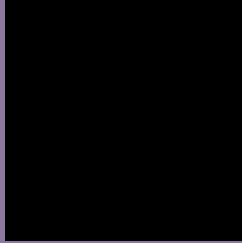
Any Text WCAG AA ✓ Pass

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 142, 120, 159 Background



This preview shows how black text looks on a background with the RYB color 142, 120, 159.



This preview shows how white text looks on a background with the RYB color 142, 120, 159.

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
142, 120, 159

Protanopia
119, 126, 164

Deuteranopia
126, 126, 158



Tritanopia
138, 125, 134

Trichromacy



Original Color

142, 120, 159

Protanomaly

127, 124, 162

Deuteranomaly

132, 124, 158

Tritanomaly

139, 123, 143

Monochromacy



Original Color

142, 120, 159

Achromatopsia

131, 131, 131

Achromatomaly

135, 127, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 120, 159 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(142, 120, 159) looks like.

```
.text, #text, p{  
    color:rgb(142, 120, 159)  
}
```

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(142, 120, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 120, 159) }
```

Border

The CSS property to change the border of an element to RYB 142, 120, 159 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(142, 120, 159) }
```

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

```
.border{ border-color:rgb(142, 120, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 120, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 120, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 120, 159);  
box-shadow:4px 4px 4px 4px rgb(142, 120,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 142, 120, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 120, 159) }
```

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

```
.background{ background-color: rgb(142,  
120, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor