

Converting Colors

`RYB(142, 107, 154)`

Have a look what the booklet for
RYB(142, 107, 154) contains.

RYB(142, 107, 154)	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, 107, 154)

Conversions

Conversions Part 1

Format	Color
Hex	8E6B9A
RGB	142, 107, 154
RGB Percent	56%, 42%, 60%
CMY	0.4431, 0.5804, 0.3961
CMYK	0.08, 0.31, 0.00, 0.40
HSL	285°, 19%, 51%
HSV	285°, 31%, 60%
XYZ	22.2458, 18.5993, 32.9894
YIQ	122.8230, 5.7730, 22.0370

Conversions

Conversions Part 2

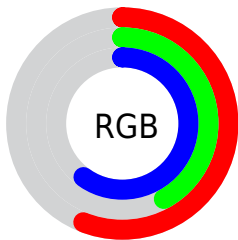
Format	Color
R _Y B	142, 107, 154
Decimal	9333658
CIE Lab	50.22, 22.72, -20.16
CIE LCh	50, 30.381, 318.416
Yxy	18.5993, 0.3013, 0.2519
Android (android.graphics.Color)	4287523738 (0xFF8E6B9A)
YUV	122.8230, 15.3703, 16.8182
Hunter-Lab	43.1269, 16.6021, -15.1644

Details

The RYB color **142, 107, 154** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107, 154, 142**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **196, 159, 209**, and **91, 59, 103** is the 20% darker color. If you saturate the color by 10%, you get **138, 92, 154**, and if you desaturate by 10%, it is **146, 122, 154**.

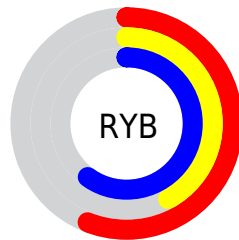
Distribution



Red (56%)

Green (42%)

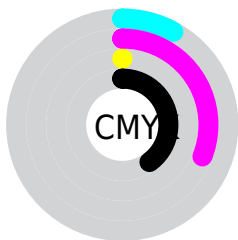
Blue (60%)



Red (56%)

Yellow (42%)

Blue (60%)

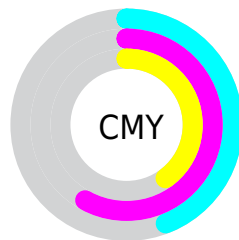


Cyan (8%)

Magenta (31%)

Yellow (0%)

Black (40%)



Cyan (44%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 142, 107, 154 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, 107, 154 by changing the saturation by 10% instead.

 142, 107, 154


255, 255, 255

 196, 159, 209


 224, 186, 237

 253, 214, 255

 255, 242, 255

 142, 107, 154

 116, 82, 128

 91, 59, 103

 67, 37, 79

 44, 15, 56

 27, 0, 34

 0, 0, 8

 0, 0, 0

 142, 107, 154

 138, 92, 154

 142, 107, 154

 146, 122, 154

134, 76, 154

150, 138, 154

130, 61, 154

154, 153, 154

126, 45, 154

154, 169, 165

122, 30, 154

154, 184, 176

118, 15, 154

154, 199, 187

115, 0, 154

154, 215, 199

154, 230, 211

154, 246, 223

Harmonies

Analogous

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



107, 115, 168



142, 107, 154



163, 100, 131

Triad

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



142, 107, 154



121, 145, 69



6, 70, 135

Complementary

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



142, 107, 154



107, 154, 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.



56, 102, 133



142, 107, 154



69, 123, 72

Square

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



142, 107, 154



163, 116, 82



84, 129, 122



0, 71, 157

Rectangle

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



142, 107, 154



169, 99, 113



84, 129, 122



27, 82, 133

Sweetspot

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



142, 107, 154



197, 183, 201



107, 117, 154



99, 91, 102



230, 230, 230



102, 102, 102

Same Dimension

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



142, 107, 154



182, 127, 201



154, 107, 143



75, 69, 77



104, 0, 140



9, 0, 13

Inverse Universe

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



154, 107, 119



201, 127, 146



107, 145, 154



77, 69, 71



140, 0, 36



13, 0, 3

Previews

White Background



This preview shows how the RYB color 142, 107, 154 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, 107, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

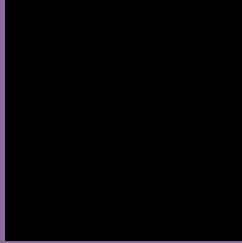
Any Text WCAG AA ✓ Pass

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, 107, 154 Background



This preview shows how black text looks on a background with the RYB color 142, 107, 154.



This preview shows how white text looks on a background with the RYB color 142, 107, 154.

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, 107, 154

Protanopia
107, 116, 162

Deuteranopia
114, 117, 152



Tritanopia
137, 113, 122

Trichromacy



Original Color

142, 107, 154

Protanomaly

120, 114, 159

Deuteranomaly

124, 113, 153

Tritanomaly

139, 111, 134

Monochromacy



Original Color

142, 107, 154

Achromatopsia

123, 123, 123

Achromatomaly

130, 117, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 107, 154 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, 107, 154)` looks like.

```
.text, #text, p{  
    color:rgb(142, 107, 154)  
}
```

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, 107, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 107, 154) }
```

Border

The CSS property to change the border of an element to RYB 142, 107, 154 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, 107, 154) }
```

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

```
.border{ border-color:rgb(142, 107, 154) }
```

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

Here you see how a box with a 4 pixel rgb(142, 107, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 107, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 107, 154);  
box-shadow:4px 4px 4px 4px rgb(142, 107,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 142, 107, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 107, 154) }
```

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

```
.background{ background-color: rgb(142,  
107, 154) }
```

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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