

Converting Colors

`RYB(144, 132, 178)`

Have a look what the booklet for
RYB(144, 132, 178) contains.

RYB(144, 132, 178)	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(144, 132, 178)

Conversions

Conversions Part 1

Format	Color
Hex	9084B2
RGB	144, 132, 178
RGB Percent	56%, 52%, 70%
CMY	0.4353, 0.4824, 0.3020
CMYK	0.19, 0.26, 0.00, 0.30
HSL	256°, 23%, 61%
HSV	256°, 26%, 70%
XYZ	27.7887, 25.6462, 45.6051
YIQ	140.8320, -7.6140, 16.8500

Conversions

Conversions Part 2

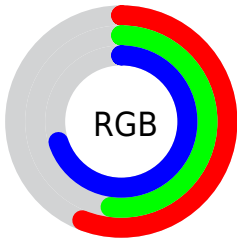
Format	Color
RYB	144, 132, 178
Decimal	9471154
CIELab	57.70, 14.18, -22.57
CIELCh	58, 26.658, 302.143
Yxy	25.6462, 0.2806, 0.2589
Android (android.graphics.Color)	4287661234 (0xFF9084B2)
YUV	140.8320, 18.3238, 2.7783
Hunter-Lab	50.6421, 9.3245, -17.9434

Details

The RYB color **144, 132, 178** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **132, 178, 144**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **198, 185, 234**, and **93, 83, 125** is the 20% darker color. If you saturate the color by 10%, you get **131, 114, 178**, and if you desaturate by 10%, it is **157, 150, 178**.

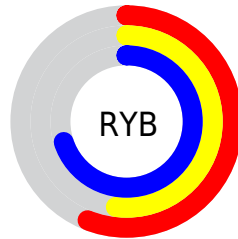
Distribution



Red (56%)

Green (52%)

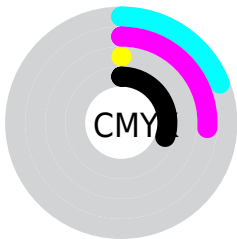
Blue (70%)



Red (56%)

Yellow (52%)

Blue (70%)

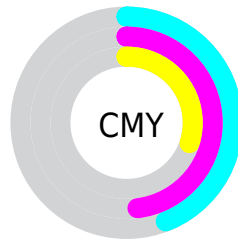


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (48%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the RYB color 144, 132, 178 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 144, 132, 178 by changing the saturation by 10% instead.


 144, 132, 178


255, 255, 255

 198, 185, 234

 227, 213, 255

 255, 241, 255


 144, 132, 178

 118, 107, 151

 93, 83, 125

 69, 59, 100


 45, 38, 76


 23, 18, 53

 0, 0, 32

 0, 0, 3

 0, 0, 0

 144, 132, 178

 144, 132, 178

■ 131, 114, 178

■ 157, 150, 178

■ 118, 96, 178

■ 170, 168, 178

■ 105, 79, 178

■ 178, 185, 180

■ 91, 61, 178

■ 178, 203, 184

■ 78, 43, 178

■ 178, 221, 189

■ 65, 25, 178

■ 178, 239, 194

■ 52, 7, 178

■ 178, 255, 197

■ 46, 0, 178

■ 178, 255, 184

■ 178, 255, 178

Harmonies

Analogous

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



110, 131, 185



144, 132, 178



170, 125, 161

Triad

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



144, 132, 178



173, 154, 98



75, 116, 151

Complementary

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



144, 132, 178



132, 178, 144

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.



101, 138, 149



144, 132, 178



112, 153, 92

Square

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



144, 132, 178



184, 124, 115



99, 145, 116



62, 109, 163

Rectangle

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



144, 132, 178



180, 122, 146



99, 145, 116



83, 123, 151

Sweetspot

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



144, 132, 178



218, 213, 232



132, 152, 178



109, 106, 117



245, 245, 245



117, 117, 117

Same Dimension

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



144, 132, 178



179, 160, 232



167, 132, 178



83, 80, 89



40, 0, 153



7, 0, 26

Inverse Universe

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



178, 132, 166



232, 160, 213



132, 178, 166



89, 80, 87



153, 0, 113



26, 0, 19

Previews

White Background



This preview shows how the RYB color 144, 132, 178 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 144, 132, 178 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 144, 132, 178 Background



This preview shows how black text looks on a background with the RYB color 144, 132, 178.



This preview shows how white text looks on a background with the RYB color 144, 132, 178.

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


144, 132, 178

Protanopia

127, 135, 182

Deuteranopia

132, 136, 177



Tritanopia

139, 138, 148

Trichromacy



Original Color

144, 132, 178

Protanomaly

133, 135, 181

Deuteranomaly

136, 135, 177

Tritanomaly

141, 136, 159

Monochromacy



Original Color

144, 132, 178

Achromatopsia

141, 141, 141

Achromatomaly

142, 138, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 132, 178 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(144, 132, 178)` looks like.

```
.text, #text, p{  
    color:rgb(144, 132, 178)  
}
```

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(144, 132, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 132, 178) }
```

Border

The CSS property to change the border of an element to RYB 144, 132, 178 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(144, 132, 178) }
```

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

```
.border{ border-color:rgb(144, 132, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 132, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 132, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 132, 178); box-shadow:4px 4px 4px 4px rgb(144, 132, 178) }
```

Background

The CSS property to change the background color of an element to RYB 144, 132, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 132, 178) }
```

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

```
.background{ background-color: rgb(144,  
132, 178) }
```

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