

Converting Colors

`RYB(144, 127, 170)`

Have a look what the booklet for
RYB(144, 127, 170) contains.

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Color

`RYB(144, 127, 170)`

Conversions

Conversions Part 1

Format	Color
Hex	907FAA
RGB	144, 127, 170
RGB Percent	56%, 50%, 67%
CMY	0.4353, 0.5020, 0.3333
CMYK	0.15, 0.25, 0.00, 0.33
HSL	264°, 20%, 58%
HSV	264°, 25%, 67%
XYZ	26.3467, 24.0103, 41.2760
YIQ	136.9850, -3.6710, 16.9770

Conversions

Conversions Part 2

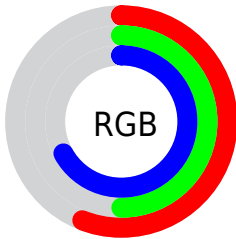
Format	Color
RYB	144, 127, 170
Decimal	9469866
CIELab	56.10, 15.24, -20.44
CIELCh	56, 25.498, 306.714
Yxy	24.0103, 0.2875, 0.2620
Android (android.graphics.Color)	4287659946 (0xFF907FAA)
YUV	136.9850, 16.2764, 6.1522
Hunter-Lab	49.0003, 10.2260, -15.6435

Details

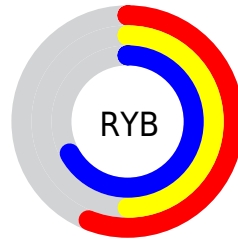
The RYB color **144, 127, 170** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **127, 170, 144**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **198, 180, 225**, and **93, 78, 118** is the 20% darker color. If you saturate the color by 10%, you get **134, 110, 170**, and if you desaturate by 10%, it is **154, 144, 170**.

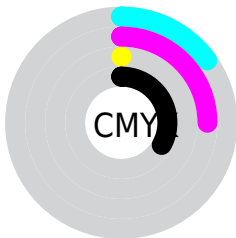
Distribution



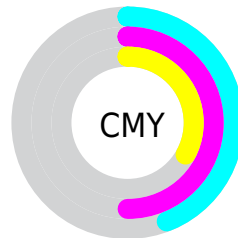
- Red (56%)
- Green (50%)
- Blue (67%)



- Red (56%)
- Yellow (50%)
- Blue (67%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)




- Cyan (44%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 127, 170 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, 127, 170 by changing the saturation by 10% instead.


 144, 127, 170

255, 255, 255

 198, 180, 225

 226, 207, 254


 255, 236, 255

 144, 127, 170


 118, 102, 143

 93, 78, 118


 69, 55, 93

 46, 33, 69

 24, 13, 47

 0, 1, 26

 0, 0, 0

 144, 127, 170

 134, 110, 170

 144, 127, 170

 154, 144, 170

123, 93, 170

165, 161, 170

113, 76, 170

170, 178, 173

103, 59, 170

170, 195, 180

93, 42, 170

170, 212, 187

82, 25, 170

170, 229, 193

72, 8, 170

170, 246, 200

67, 0, 170

170, 255, 199

170, 255, 188

Harmonies

Analogous

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



113, 129, 178



144, 127, 170



167, 120, 152

Triad

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



144, 127, 170



165, 156, 94



72, 112, 147

Complementary

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



144, 127, 170



127, 170, 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.



95, 130, 145



144, 127, 170



102, 145, 90

Square

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



144, 127, 170



177, 124, 109



98, 141, 118



63, 108, 160

Rectangle

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



144, 127, 170



176, 118, 138



98, 141, 118



79, 118, 147

Sweetspot

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



144, 127, 170



211, 204, 222



127, 144, 170



105, 101, 112



240, 240, 240



112, 112, 112

Same Dimension

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



144, 127, 170



182, 155, 222



165, 127, 170



79, 76, 84



58, 0, 148



8, 0, 20

Inverse Universe

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



170, 127, 153



222, 155, 196



127, 170, 165



84, 76, 81



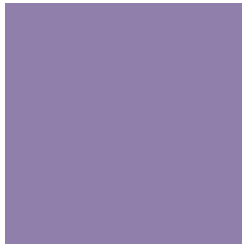
148, 0, 89



20, 0, 12

Previews

White Background



This preview shows how the RYB color 144, 127, 170 looks on a white background.

Color Contrast Check

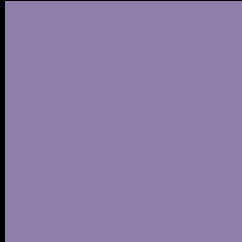
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

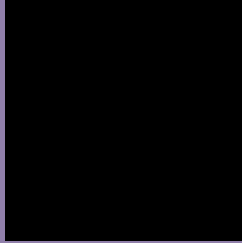
Any Text WCAG AA ✓ Pass

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, 127, 170 Background



This preview shows how black text looks on a background with the RYB color 144, 127, 170.



This preview shows how white text looks on a background with the RYB color 144, 127, 170.

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, 127, 170

Protanopia
124, 132, 174

Deuteranopia
130, 132, 169



Tritanopia
139, 132, 143

Trichromacy



Original Color

144, 127, 170

Protanomaly

131, 131, 173

Deuteranomaly

135, 130, 169

Tritanomaly

141, 130, 153

Monochromacy



Original Color

144, 127, 170

Achromatopsia

137, 137, 137

Achromatomaly

140, 133, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 127, 170 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, 127, 170)` looks like.

```
.text, #text, p{  
    color:rgb(144, 127, 170)  
}
```

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, 127, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 127, 170) }
```

Border

The CSS property to change the border of an element to RYB 144, 127, 170 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, 127, 170) }
```

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

```
.border{ border-color:rgb(144, 127, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 127, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 127, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 127, 170);  
box-shadow:4px 4px 4px 4px rgb(144, 127,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 144, 127, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 127, 170) }
```

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

```
.background{ background-color: rgb(144,  
127, 170) }
```

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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