

Converting Colors

`RYB(154, 143, 203)`

Have a look what the booklet for
RYB(154, 143, 203) contains.

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Color

R_YB(154, 143, 203)

Conversions

Conversions Part 1

Format	Color
Hex	9A8FCB
RGB	154, 143, 203
RGB Percent	60%, 56%, 80%
CMY	0.3961, 0.4392, 0.2039
CMYK	0.24, 0.30, 0.00, 0.20
HSL	251°, 37%, 68%
HSV	251°, 30%, 80%
XYZ	33.9284, 30.8267, 60.6618
YIQ	153.1290, -12.7040, 20.9920

Conversions

Conversions Part 2

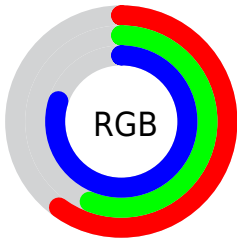
Format	Color
RYB	154, 143, 203
Decimal	10129355
CIELab	62.36, 16.92, -29.46
CIELCh	62, 33.978, 299.872
Yxy	30.8267, 0.2705, 0.2458
Android (android.graphics.Color)	4288319435 (0xFF9A8FCB)
YUV	153.1290, 24.5864, 0.7639
Hunter-Lab	55.5218, 11.9149, -25.9136

Details

The RYB color **154, 143, 203** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **143, 203, 154**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **209, 197, 255**, and **102, 93, 149** is the 20% darker color. If you saturate the color by 10%, you get **137, 123, 203**, and if you desaturate by 10%, it is **171, 163, 203**.

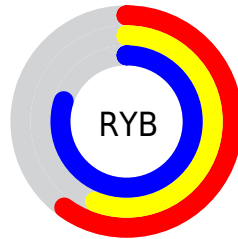
Distribution



Red (60%)

Green (56%)

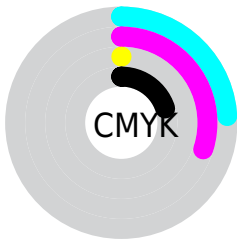
Blue (80%)



Red (60%)

Yellow (56%)

Blue (80%)

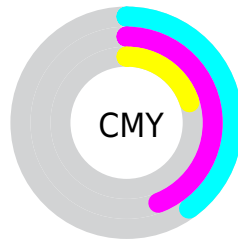


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 143, 203 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 154, 143, 203 by changing the saturation by 10% instead.

 154, 143, 203


255, 255, 255

 209, 197, 255

 238, 225, 255

 255, 253, 255

 154, 143, 203

 127, 117, 175

 102, 93, 149

 76, 69, 123


 52, 47, 98


 28, 26, 73

 6, 0, 51

 0, 2, 29

 0, 0, 0

 154, 143, 203

 154, 143, 203

■ 137, 123, 203

■ 171, 163, 203

■ 121, 102, 203

■ 187, 184, 203

■ 104, 82, 203

■ 203, 204, 203

■ 88, 62, 203

■ 203, 224, 207

■ 71, 41, 203

■ 203, 245, 211

■ 55, 21, 203

■ 203, 255, 205

■ 38, 1, 203

■ 203, 255, 203

■ 37, 0, 203

Harmonies

Analogous

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



107, 139, 211



154, 143, 203



189, 133, 181

Triad

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



154, 143, 203



195, 165, 99



63, 120, 167

Complementary

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



154, 143, 203



143, 203, 154

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.



104, 151, 164



154, 143, 203



120, 171, 90

Square

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



154, 143, 203



209, 131, 122



97, 158, 116



25, 99, 180

Rectangle

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



154, 143, 203



203, 128, 162



97, 158, 116



77, 129, 166

Sweetspot

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



154, 143, 203



236, 232, 255



143, 170, 203



116, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 143, 203



182, 166, 255



184, 143, 203



94, 92, 102



30, 0, 166



7, 0, 38

Inverse Universe

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



203, 143, 192



255, 166, 239



143, 203, 184



102, 92, 100



166, 0, 135



38, 0, 31

Previews

White Background



This preview shows how the RYB color 154, 143, 203 looks on a white background.

Color Contrast Check

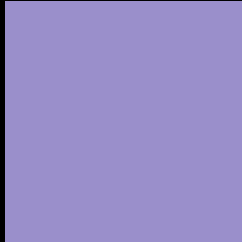
Large Text (above 18pt) WCAG AA × Fail

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 154, 143, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

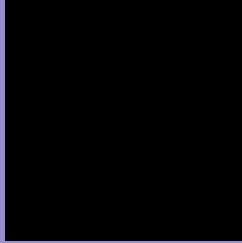
Any Text WCAG AA ✓ Pass

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 154, 143, 203 Background



This preview shows how black text looks on a background with the RYB color 154, 143, 203.



This preview shows how white text looks on a background with the RYB color 154, 143, 203.

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](#).

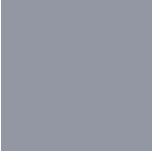
Dichromacy



Original Color
154, 143, 203

Protanopia
133, 146, 207

Deuteranopia
137, 147, 202



Tritanopia
146, 150, 163

Trichromacy



Original Color

154, 143, 203

Protanomaly

141, 146, 206

Deuteranomaly

143, 147, 202

Tritanomaly

149, 148, 178

Monochromacy



Original Color

154, 143, 203

Achromatopsia

153, 153, 153

Achromatomaly

153, 149, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 143, 203 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(154, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 203)  
}
```

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(154, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 203) }
```

Border

The CSS property to change the border of an element to RYB 154, 143, 203 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(154, 143, 203) }
```

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

```
.border{ border-color:rgb(154, 143, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 154, 143, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 203) }
```

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

```
.background{ background-color: rgb(154,  
143, 203) }
```

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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