

Converting Colors

`RYB(152, 154, 223)`

Have a look what the booklet for
RYB(152, 154, 223) contains.

RYB(152, 154, 223)	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(152, 154, 223)

Conversions

Conversions Part 1

Format	Color
Hex	989ADF
RGB	152, 154, 223
RGB Percent	60%, 60%, 87%
CMY	0.4039, 0.3959, 0.1255
CMYK	0.32, 0.31, 0.00, 0.13
HSL	238°, 53%, 74%
HSV	238°, 32%, 87%
XYZ	37.8333, 35.1335, 74.5994
YIQ	161.2680, -23.3410, 21.0350

Conversions

Conversions Part 2

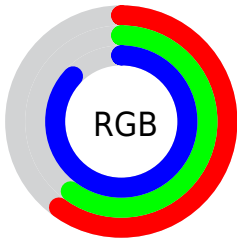
Format	Color
RYB	152, 154, 223
Decimal	10001119
CIELab	65.85, 14.99, -35.19
CIELCh	66, 38.250, 293.074
Yxy	35.1335, 0.2564, 0.2381
Android (android.graphics.Color)	4288191199 (0xFF989ADF)
YUV	161.2680, 30.4339, -8.1280
Hunter-Lab	59.2735, 10.2052, -33.1288

Details

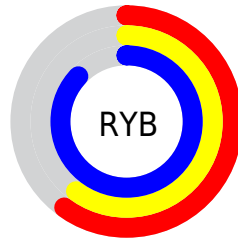
The RYB color **152, 154, 223** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **154, 223, 152**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **208, 208, 255**, and **99, 103, 167** is the 20% darker color. If you saturate the color by 10%, you get **130, 132, 223**, and if you desaturate by 10%, it is **174, 176, 223**.

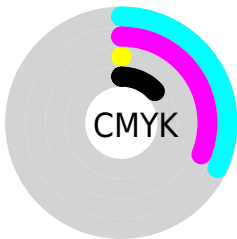
Distribution



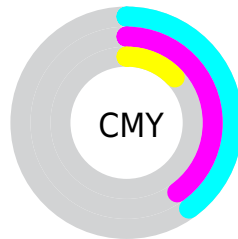
- Red (60%)
- Green (60%)
- Blue (87%)



- Red (60%)
- Yellow (60%)
- Blue (87%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)




- Cyan (40%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 154, 223 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 152, 154, 223 by changing the saturation by 10% instead.

 152, 154, 223

255, 255, 255

 208, 208, 255

 237, 237, 255

 152, 154, 223


 125, 128, 195

 99, 103, 167

 73, 79, 141

 46, 55, 115


 17, 31, 90

 0, 12, 66


 0, 3, 44

 0, 1, 22


 0, 0, 0

 152, 154, 223

 152, 154, 223

 130, 132, 223

 174, 176, 223

 107, 111, 223

 197, 197, 223

 85, 89, 223

 219, 219, 223


 63, 67, 223

 223, 241, 223

 40, 46, 223

 223, 255, 223

 18, 24, 223

 0, 6, 223

Harmonies

Analogous

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



93, 140, 228



152, 154, 223



195, 142, 202

Triad

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



152, 154, 223



214, 162, 106



67, 130, 178

Complementary

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



152, 154, 223



154, 223, 152

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.



115, 171, 174



152, 154, 223



143, 189, 91

Square

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



152, 154, 223



226, 134, 135



95, 166, 106



0, 91, 186

Rectangle

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



152, 154, 223



214, 135, 181



95, 166, 106



85, 143, 177

Sweetspot

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



152, 154, 223



230, 230, 255



152, 188, 223



112, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 154, 223



158, 161, 255



185, 152, 223



101, 101, 112



0, 5, 176



0, 1, 48

Inverse Universe

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



223, 152, 154



255, 158, 161



152, 223, 185



112, 101, 101



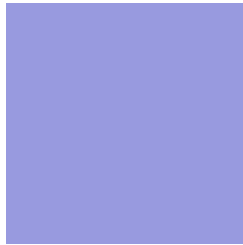
176, 0, 5



48, 0, 1

Previews

White Background



This preview shows how the RYB color 152, 154, 223 looks on a white background.

Color Contrast Check

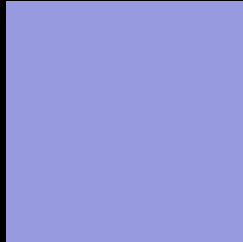
Large Text (above 18pt) WCAG AA × Fail

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 152, 154, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

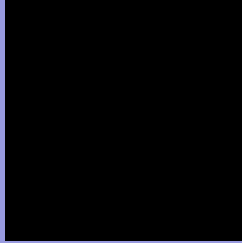
Any Text WCAG AA ✓ Pass

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 152, 154, 223 Background



This preview shows how black text looks on a background with the RYB color 152, 154, 223.



This preview shows how white text looks on a background with the RYB color 152, 154, 223.

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

152, 154, 223

Protanopia

139, 155, 226

Deuteranopia

139, 154, 222



Tritanopia

142, 155, 176

Trichromacy



Original Color

152, 154, 223

Protanomaly

144, 155, 225

Deuteranomaly

144, 155, 222

Tritanomaly

146, 157, 193

Monochromacy



Original Color

152, 154, 223

Achromatopsia

161, 161, 161

Achromatomaly

158, 158, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 154, 223 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(152, 154, 223)` looks like.

```
.text, #text, p{  
    color:rgb(152, 154, 223)  
}
```

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(152, 154, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 154, 223) }
```

Border

The CSS property to change the border of an element to RYB 152, 154, 223 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(152, 154, 223) }
```

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

```
.border{ border-color:rgb(152, 154, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 154, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 154, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 154, 223);  
box-shadow:4px 4px 4px 4px rgb(152, 154,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 152, 154, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 154, 223) }
```

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

```
.background{ background-color: rgb(152,  
154, 223) }
```

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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