

Converting Colors

`RYB(154, 172, 227)`

Have a look what the booklet for
RYB(154, 172, 227) contains.

RYB(154, 172, 227)	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(154, 172, 227)

Conversions

Conversions Part 1

Format	Color
Hex	9AB2E3
RGB	154, 178, 227
RGB Percent	60%, 70%, 89%
CMY	0.3961, 0.3024, 0.1098
CMYK	0.32, 0.22, 0.00, 0.11
HSL	220°, 57%, 75%
HSV	220°, 32%, 89%
XYZ	43.0903, 44.2135, 78.9360
YIQ	176.4100, -30.0330, 10.1510

Conversions

Conversions Part 2

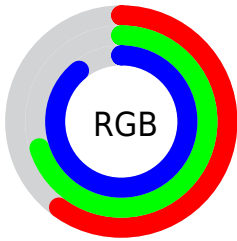
Format	Color
RYB	154, 172, 227
Decimal	10138339
CIELab	72.37, 3.20, -27.30
CIElCh	72, 27.490, 276.676
Yxy	44.2135, 0.2592, 0.2660
Android (android.graphics.Color)	4288328419 (0xFF9AB2E3)
YUV	176.4100, 24.9409, -19.6536
Hunter-Lab	66.4932, -0.6880, -23.8396

Details

The RYB color **154, 172, 227** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **190, 227, 154**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **210, 226, 255**, and **101, 119, 171** is the 20% darker color. If you saturate the color by 10%, you get **131, 155, 227**, and if you desaturate by 10%, it is **177, 189, 227**.

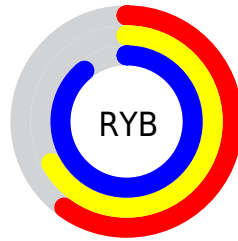
Distribution



Red (60%)

Green (70%)

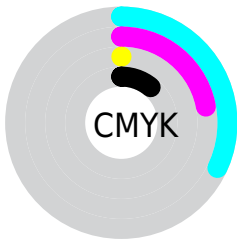
Blue (89%)



Red (60%)

Yellow (67%)

Blue (89%)

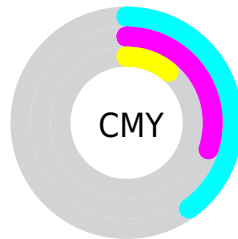


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 172, 227 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, 172, 227 by changing the saturation by 10% instead.

■ 154, 172, 227

255, 255, 255

■ 210, 225, 255

■ 239, 247, 255

■ 154, 172, 227

■ 127, 145, 199

■ 101, 119, 171

■ 75, 94, 145

■ 49, 69, 119

■ 20, 43, 94

■ 0, 22, 70

■ 0, 8, 48

■ 0, 1, 26

■ 0, 0, 0

■ 154, 172, 227

■ 154, 172, 227

■ 131, 155, 227

■ 177, 189, 227

■ 109, 138, 227

■ 199, 206, 227

■ 86, 121, 227

■ 222, 223, 227

■ 63, 104, 227

■ 236, 245, 227

■ 41, 87, 227

■ 228, 255, 227

■ 18, 69, 227

■ 227, 255, 227

■ 0, 56, 227

Harmonies

Analogous

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



120, 160, 223



154, 172, 227



189, 169, 218

Triad

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



154, 172, 227



226, 165, 149



134, 174, 190

Complementary

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



154, 172, 227



190, 227, 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.



137, 185, 160



154, 172, 227



213, 200, 132

Square

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



154, 172, 227



227, 159, 173



142, 190, 127



109, 153, 192

Rectangle

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



154, 172, 227



207, 164, 205



142, 190, 127



143, 184, 189

Sweetspot

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



154, 172, 227



230, 236, 255



154, 198, 227



112, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 172, 227



156, 180, 255



166, 154, 227



103, 106, 115



0, 44, 179



0, 13, 51

Inverse Universe

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



227, 154, 178



255, 156, 188



154, 227, 166



115, 103, 107



179, 0, 58



51, 0, 17

Previews

White Background



This preview shows how the RYB color 154, 172, 227 looks on a white background.

Color Contrast Check

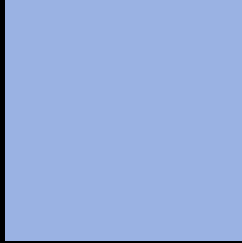
Large Text (above 18pt) WCAG AA × Fail

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, 172, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

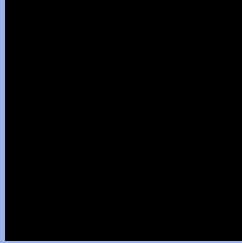
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

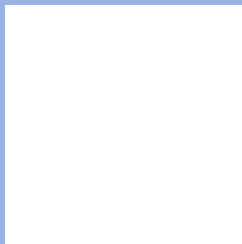
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 154, 172, 227 Background



This preview shows how black text looks on a background with the RYB color 154, 172, 227.



This preview shows how white text looks on a background with the RYB color 154, 172, 227.

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, 172, 227

Protanopia
165, 174, 225

Deuteranopia
167, 173, 228



Tritanopia
147, 168, 198

Trichromacy



Original Color
154, 172, 227

Protanomaly
161, 173, 226

Deuteranomaly
162, 173, 228

Tritanomaly
150, 170, 209

Monochromacy



Original Color
154, 172, 227

Achromatopsia
176, 176, 176

Achromatomaly
168, 175, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 172, 227 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, 178, 227)` looks like.

```
.text, #text, p{  
    color:rgb(154, 178, 227)  
}
```

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, 178, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 178, 227) }
```

Border

The CSS property to change the border of an element to RYB 154, 172, 227 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, 178, 227) }
```

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

```
.border{ border-color:rgb(154, 178, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 178, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 178, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 178, 227); box-shadow:4px 4px 4px 4px rgb(154, 178, 227) }
```

Background

The CSS property to change the background color of an element to RYB 154, 172, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 178, 227) }
```

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

```
.background{ background-color: rgb(154,  
178, 227) }
```

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