

Converting Colors

`RYB(121, 143, 221)`

Have a look what the booklet for
RYB(121, 143, 221) contains.

RYB(121, 143, 221)	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(121, 143, 221)

Conversions

Conversions Part 1

Format	Color
Hex	7995DD
RGB	121, 149, 221
RGB Percent	47%, 58%, 87%
CMY	0.5255, 0.4149, 0.1333
CMYK	0.45, 0.32, 0.00, 0.13
HSL	223°, 60%, 67%
HSV	223°, 45%, 87%
XYZ	31.7162, 30.8453, 72.6887
YIQ	148.8360, -39.8000, 16.4560

Conversions

Conversions Part 2

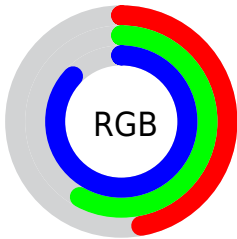
Format	Color
RYB	121, 143, 221
Decimal	7968221
CIELab	62.38, 8.97, -39.66
CIELCh	62, 40.666, 282.748
Yxy	30.8453, 0.2345, 0.2281
Android (android.graphics.Color)	4286158301 (0xFF7995DD)
YUV	148.8360, 35.5769, -24.4122
Hunter-Lab	55.5385, 4.7431, -38.7217

Details

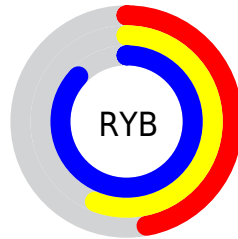
The RYB color **121, 143, 221** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **160, 221, 121**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **177, 197, 255**, and **65, 90, 166** is the 20% darker color. If you saturate the color by 10%, you get **99, 126, 221**, and if you desaturate by 10%, it is **143, 160, 221**.

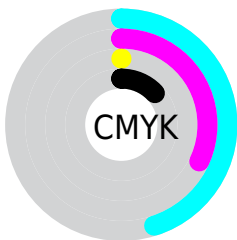
Distribution



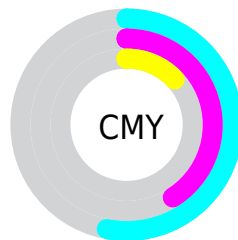
- Red (47%)
- Green (58%)
- Blue (87%)



- Red (47%)
- Yellow (56%)
- Blue (87%)



- Cyan (45%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)





- Cyan (53%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 121, 143, 221 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 121, 143, 221 by changing the saturation by 10% instead.

 121, 143, 221

 121, 143, 221

255, 255, 255

 93, 117, 193

 177, 197, 255

 65, 90, 166

 206, 223, 255

 33, 63, 139

 235, 245, 255

 0, 36, 113

 0, 23, 88

 0, 7, 64

 0, 3, 42

 0, 1, 20

 0, 0, 0

■ 121, 143, 221

■ 121, 143, 221

■ 99, 126, 221

■ 143, 160, 221

■ 77, 108, 221

■ 165, 177, 221

■ 55, 92, 221

■ 187, 195, 221

■ 33, 74, 221

■ 209, 212, 221

■ 10, 57, 221

■ 225, 232, 221

■ 0, 48, 221

■ 235, 254, 221

■ 221, 255, 221

Harmonies

Analogous

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



39, 111, 219



121, 143, 221



174, 136, 204

Triad

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



121, 143, 221



213, 137, 103



68, 131, 168

Complementary

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



121, 143, 221



160, 221, 121

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.



96, 163, 141



121, 143, 221



174, 191, 82

Square

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



121, 143, 221



220, 122, 137



83, 158, 79



0, 86, 170

Rectangle

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



121, 143, 221



199, 127, 184



83, 158, 79



87, 146, 167

Sweetspot

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



121, 143, 221



219, 227, 255



121, 179, 221



106, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 143, 221



117, 147, 255



143, 121, 221



99, 101, 110



0, 38, 173



0, 10, 46

Inverse Universe

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



221, 121, 149



255, 117, 156



121, 221, 143



110, 99, 102



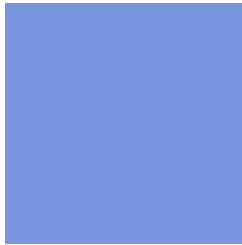
173, 0, 49



46, 0, 13

Previews

White Background



This preview shows how the RYB color 121, 143, 221 looks on a white background.

Color Contrast Check

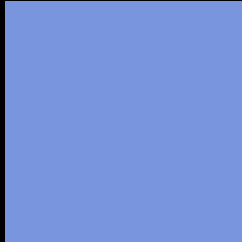
Large Text (above 18pt) WCAG AA × Fail

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 121, 143, 221 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 121, 143, 221 Background



This preview shows how black text looks on a background with the RYB color 121, 143, 221.

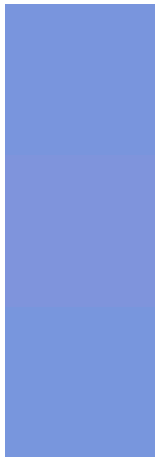


This preview shows how white text looks on a background with the RYB color 121, 143, 221.

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
121, 143, 221

Protanopia
127, 144, 220

Deuteranopia
120, 143, 221



Tritanopia
107, 136, 172

Trichromacy



Original Color
121, 143, 221

Protanomaly
125, 144, 220

Deuteranomaly
120, 143, 221

Tritanomaly
112, 140, 190

Monochromacy



Original Color
121, 143, 221

Achromatopsia
149, 149, 149

Achromatomaly
139, 147, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 143, 221 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(121, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(121, 149, 221)  
}
```

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(121, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 149, 221) }
```

Border

The CSS property to change the border of an element to RYB 121, 143, 221 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(121, 149, 221) }
```

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

```
.border{ border-color:rgb(121, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(121, 149,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 121, 143, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 149, 221) }
```

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

```
.background{ background-color: rgb(121,  
149, 221) }
```

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