

Converting Colors

`RYB(125, 141, 185)`

Have a look what the booklet for RYB(125, 141, 185) contains.

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Color

R_YB(125, 141, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7D93B9
RGB	125, 147, 185
RGB Percent	49%, 58%, 73%
CMY	0.5098, 0.4242, 0.2745
CMYK	0.32, 0.21, 0.00, 0.27
HSL	218°, 30%, 61%
HSV	218°, 32%, 73%
XYZ	27.6199, 28.6737, 49.9778
YIQ	144.7540, -25.3100, 7.1540

Conversions

Conversions Part 2

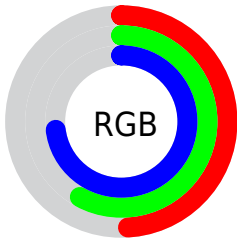
Format	Color
R_{YB}	125, 141, 185
Decimal	8229817
CIE _{Lab}	60.49, 1.47, -22.39
CIE _{LCh}	60, 22.442, 273.758
Yxy	28.6737, 0.2599, 0.2698
Android (android.graphics.Color)	4286419897 (0xFF7D93B9)
YUV	144.7540, 19.8413, -17.3243
Hunter-Lab	53.5478, -1.6387, -17.8537

Details

The RYB color **125, 141, 185** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **160, 185, 125**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **179, 195, 241**, and **74, 90, 132** is the 20% darker color. If you saturate the color by 10%, you get **106, 127, 185**, and if you desaturate by 10%, it is **144, 155, 185**.

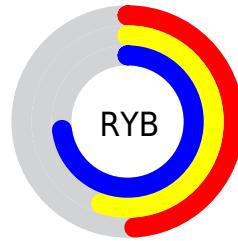
Distribution



Red (49%)

Green (58%)

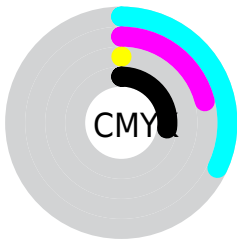
Blue (73%)



Red (49%)

Yellow (55%)

Blue (73%)

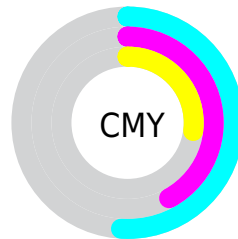


Cyan (32%)

Magenta (21%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 141, 185 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 125, 141, 185 by changing the saturation by 10% instead.

 125, 141, 185


255, 255, 255

 179, 195, 241

 207, 222, 255

 236, 246, 255

 125, 141, 185

 99, 115, 158

 74, 90, 132

 49, 66, 106

 23, 42, 82

 0, 20, 59

 0, 3, 37

 0, 1, 14

 0, 0, 0

 125, 141, 185

 125, 141, 185

■ 106, 127, 185

■ 144, 155, 185

■ 88, 114, 185

■ 162, 168, 185

■ 69, 100, 185

■ 181, 182, 185

■ 51, 87, 185

■ 193, 199, 185

■ 33, 73, 185

■ 204, 218, 185

■ 14, 60, 185

■ 215, 236, 185

■ 0, 49, 185

■ 224, 254, 185

■ 203, 255, 185

■ 187, 255, 185

Harmonies

Analogous

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



100, 132, 181



125, 141, 185



152, 140, 179

Triad

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



125, 141, 185



185, 134, 125



114, 145, 155

Complementary

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



125, 141, 185



160, 185, 125

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.



113, 151, 128



125, 141, 185



175, 161, 111

Square

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



125, 141, 185



185, 131, 144



123, 158, 106



95, 128, 157

Rectangle

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



125, 141, 185



167, 136, 169



123, 158, 106



121, 153, 154

Sweetspot

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



125, 141, 185



216, 222, 240



125, 162, 185



105, 109, 120



247, 247, 247



120, 120, 120

Same Dimension

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



125, 141, 185



146, 171, 240



133, 125, 185



83, 85, 92



0, 42, 156



0, 7, 28

Inverse Universe

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



185, 125, 147



240, 146, 180



125, 185, 133



92, 83, 86



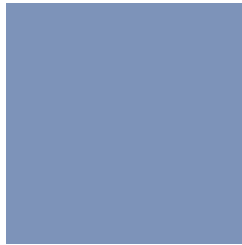
156, 0, 57



28, 0, 10

Previews

White Background



This preview shows how the RYB color 125, 141, 185 looks on a white background.

Color Contrast Check

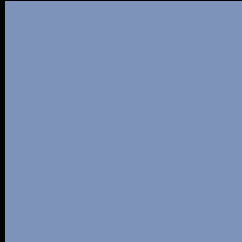
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 141, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

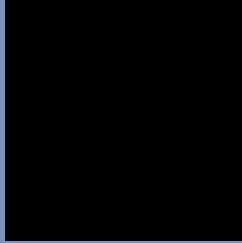
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

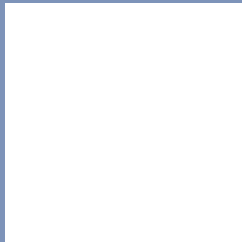
Any Text WCAG AAA × Fail

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

RYB 125, 141, 185 Background



This preview shows how black text looks on a background with the RYB color 125, 141, 185.

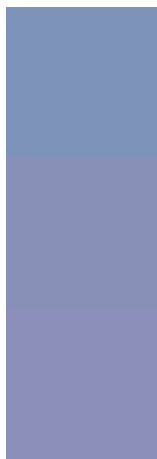


This preview shows how white text looks on a background with the RYB color 125, 141, 185.

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


125, 141, 185

Protanopia

136, 143, 183

Deuteranopia

139, 143, 186



Tritanopia
120, 138, 163

Trichromacy



Original Color

125, 141, 185

Protanomaly

132, 142, 184

Deuteranomaly

134, 142, 186

Tritanomaly

122, 139, 171

Monochromacy



Original Color

125, 141, 185

Achromatopsia

145, 145, 145

Achromatomaly

138, 144, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 141, 185 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(125, 147, 185) looks like.

```
.text, #text, p{  
    color:rgb(125, 147, 185)  
}
```

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(125, 147, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 147, 185) }
```

Border

The CSS property to change the border of an element to RYB 125, 141, 185 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(125, 147, 185) }
```

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

```
.border{ border-color:rgb(125, 147, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 147, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 147, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 147, 185);  
box-shadow:4px 4px 4px 4px rgb(125, 147,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 125, 141, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 147, 185) }
```

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

```
.background{ background-color: rgb(125,  
147, 185) }
```

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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