

Converting Colors

`RYB(125, 140, 174)`

Have a look what the booklet for
RYB(125, 140, 174) contains.

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Color

`RYB(125, 140, 174)`

Conversions

Conversions Part 1

Format	Color
Hex	7D93AE
RGB	125, 147, 174
RGB Percent	49%, 58%, 68%
CMY	0.5098, 0.4250, 0.3176
CMYK	0.28, 0.16, 0.00, 0.32
HSL	214°, 23%, 59%
HSV	214°, 28%, 68%
XYZ	26.4718, 28.1647, 44.0855
YIQ	143.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

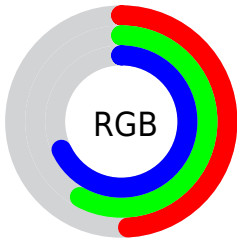
Format	Color
R_{YB}	125, 140, 174
Decimal	8229806
CIE _{Lab}	60.04, -1.22, -16.86
CIE _{LCh}	60, 16.905, 265.860
Yxy	28.1647, 0.2681, 0.2853
Android (android.graphics.Color)	4286419886 (0xFF7D93AE)
YUV	143.5000, 15.0365, -16.2245
Hunter-Lab	53.0704, -3.8365, -12.1028

Details

The RYB color `125, 140, 174` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `165, 174, 125`, and the grayscale version is `143, 143, 143`.

A 20% lighter version of the original color is `179, 194, 230`, and `75, 90, 122` is the 20% darker color. If you saturate the color by 10%, you get `108, 128, 174`, and if you desaturate by 10%, it is `142, 152, 174`.

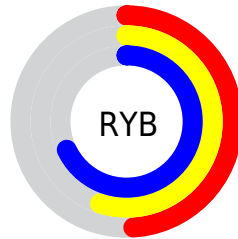
Distribution



Red (49%)

Green (58%)

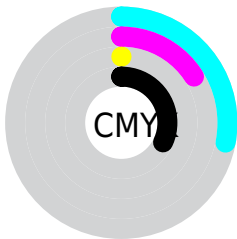
Blue (68%)



Red (49%)

Yellow (55%)

Blue (68%)

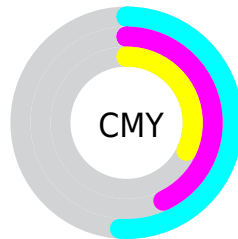


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 140, 174 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, 140, 174 by changing the saturation by 10% instead.

■ 125, 140, 174

255, 255, 255

■ 179, 194, 230

■ 206, 222, 255

■ 235, 245, 255

■ 125, 140, 174

■ 99, 114, 147

■ 75, 90, 122

■ 50, 65, 97

■ 27, 42, 73

■ 1, 19, 50

■ 0, 2, 30

■ 0, 0, 0

■ 125, 140, 174

■ 108, 128, 174

■ 125, 140, 174

■ 142, 152, 174

■ 90, 116, 174

■ 160, 164, 174

■ 73, 104, 174

■ 176, 177, 174

■ 55, 92, 174

■ 190, 195, 174

■ 38, 80, 174

■ 205, 212, 174

■ 21, 68, 174

■ 217, 229, 174

■ 3, 56, 174

■ 231, 247, 174

■ 0, 53, 174

■ 224, 255, 174

■ 202, 255, 174

Harmonies

Analogous

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



109, 134, 169



125, 140, 174



145, 142, 171

Triad

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



125, 140, 174



176, 135, 132



125, 148, 151

Complementary

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



125, 140, 174



165, 174, 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.



118, 148, 124



125, 140, 174



170, 147, 121

Square

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



125, 140, 174



173, 134, 147



138, 158, 115



111, 135, 153

Rectangle

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



125, 140, 174



157, 138, 165



138, 158, 115



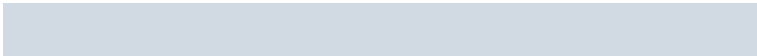
124, 150, 143

Sweetspot

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



125, 140, 174



209, 215, 227



125, 157, 174



103, 107, 115



242, 242, 242



115, 115, 115

Same Dimension

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



125, 140, 174



150, 174, 227



127, 125, 174



78, 81, 87



0, 46, 150



0, 7, 23

Inverse Universe

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



174, 125, 147



227, 150, 184



125, 174, 127



87, 78, 82



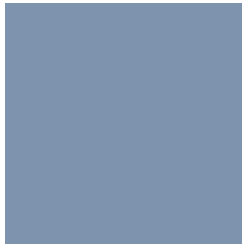
150, 0, 66



23, 0, 10

Previews

White Background



This preview shows how the RYB color 125, 140, 174 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, 140, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

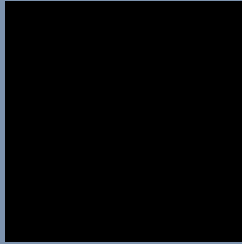
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

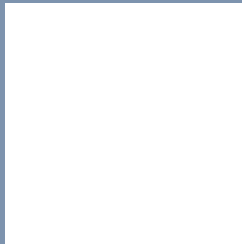
Any Text WCAG AAA × Fail

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

RYB 125, 140, 174 Background



This preview shows how black text looks on a background with the RYB color 125, 140, 174.



This preview shows how white text looks on a background with the RYB color 125, 140, 174.

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, 140, 174

Protanopia

139, 143, 172

Deuteranopia

143, 141, 175



Tritanopia
122, 138, 161

Trichromacy



Original Color

125, 140, 174

Protanomaly

134, 142, 173

Deuteranomaly

136, 142, 175

Tritanomaly

123, 139, 166

Monochromacy



Original Color

125, 140, 174

Achromatopsia

143, 143, 143

Achromatomaly

136, 142, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 140, 174 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(125, 147, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 147, 174) }
```

Border

The CSS property to change the border of an element to RYB 125, 140, 174 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, 174) }
```

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

```
.border{ border-color:rgb(125, 147, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 147, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 147, 174);  
box-shadow:4px 4px 4px 4px rgb(125, 147,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 125, 140, 174 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, 174) }
```

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

```
.background{ background-color: rgb(125,  
147, 174) }
```

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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