

Converting Colors

`RYB(125, 146, 177)`

Have a look what the booklet for RYB(125, 146, 177) contains.

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Color

`RYB(125, 146, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	7DA0B1
RGB	125, 160, 177
RGB Percent	49%, 63%, 69%
CMY	0.5098, 0.3717, 0.3059
CMYK	0.29, 0.09, 0.00, 0.31
HSL	199°, 25%, 59%
HSV	199°, 29%, 69%
XYZ	29.0032, 32.7543, 46.3885
YIQ	151.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

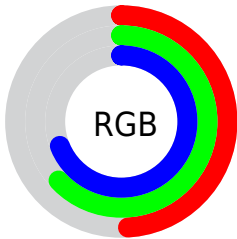
Format	Color
R _{YB}	125, 146, 177
Decimal	8233137
CIE _{Lab}	63.96, -8.04, -12.63
CIE _{LCh}	64, 14.971, 237.509
Y _{xy}	32.7543, 0.2682, 0.3029
Android (android.graphics.Color)	4286423217 (0xFF7DA0B1)
YUV	151.4730, 12.5848, -23.2168
Hunter-Lab	57.2314, -9.6961, -7.9952

Details

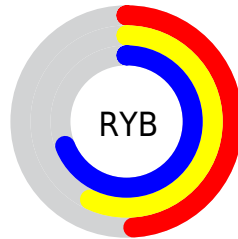
The RYB color **125, 146, 177** is a light color, and the websafe version is hex **669999**. A complement of this color would be **177, 150, 125**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **179, 201, 233**, and **74, 95, 124** is the 20% darker color. If you saturate the color by 10%, you get **107, 135, 177**, and if you desaturate by 10%, it is **143, 157, 177**.

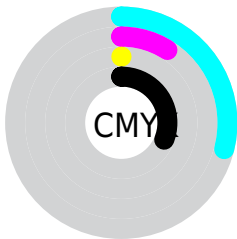
Distribution



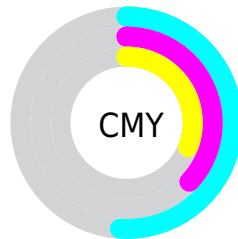
- Red (49%)
- Green (63%)
- Blue (69%)



- Red (49%)
- Yellow (57%)
- Blue (69%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (51%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 146, 177 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, 146, 177 by changing the saturation by 10% instead.


 125, 146, 177


255, 255, 255

 179, 201, 233


 207, 228, 255

 235, 245, 255

 125, 146, 177


 99, 120, 150

 74, 95, 124

 50, 70, 99

 25, 46, 76

 0, 22, 53

 0, 12, 32

 0, 0, 5

 0, 0, 0

 125, 146, 177

 125, 146, 177

■ 107, 135, 177

■ 143, 157, 177

■ 90, 125, 177

■ 160, 167, 177

■ 72, 114, 177

■ 178, 177, 177

■ 54, 104, 177

■ 196, 186, 177

■ 37, 94, 177

■ 214, 195, 177

■ 19, 83, 177

■ 231, 202, 177

■ 1, 72, 177

■ 249, 211, 177

■ 0, 72, 177

■ 255, 223, 177

■ 255, 240, 177

Harmonies

Analogous

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



120, 142, 167



125, 146, 177



139, 151, 181

Triad

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



125, 146, 177



181, 146, 157



131, 158, 137

Complementary

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



125, 146, 177



177, 150, 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.



149, 167, 129



125, 146, 177



183, 146, 143

Square

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



125, 146, 177



171, 148, 169



178, 158, 133



137, 158, 161

Rectangle

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



125, 146, 177



150, 153, 180



178, 158, 133



130, 157, 130

Sweetspot

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



125, 146, 177



209, 217, 230



125, 165, 177



102, 107, 115



242, 242, 242



115, 115, 115

Same Dimension

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



125, 146, 177



149, 182, 230



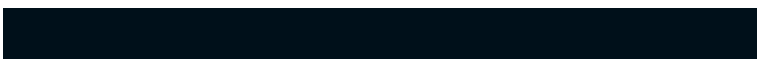
125, 133, 177



80, 84, 89



0, 62, 153



0, 10, 26

Inverse Universe

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



177, 125, 160



230, 149, 204



137, 177, 125



89, 80, 86



153, 0, 104



26, 0, 17

Previews

White Background



This preview shows how the RYB color 125, 146, 177 looks on a white background.

Color Contrast Check

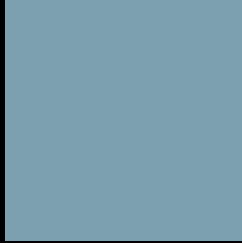
Large Text (above 18pt) WCAG AA × Fail

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 125, 146, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

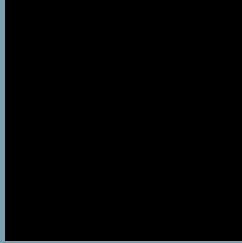
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

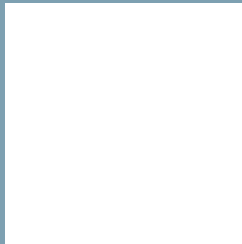
Any Text WCAG AAA ✓ Pass

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

RYB 125, 146, 177 Background



This preview shows how black text looks on a background with the RYB color 125, 146, 177.



This preview shows how white text looks on a background with the RYB color 125, 146, 177.

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, 146, 177

Protanopia
152, 153, 173

Deuteranopia
158, 151, 179



Tritanopia
124, 145, 174

Trichromacy



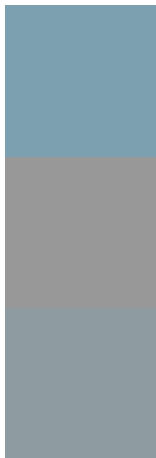
Original Color
125, 146, 177

Protanomaly
142, 152, 174

Deuteranomaly
146, 152, 178

Tritanomaly
124, 145, 175

Monochromacy



Original Color
125, 146, 177

Achromatopsia
152, 152, 152

Achromatomaly
142, 150, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 146, 177 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, 160, 177)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 177)  
}
```

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, 160, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 177) }
```

Border

The CSS property to change the border of an element to RYB 125, 146, 177 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, 160, 177) }
```

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

```
.border{ border-color:rgb(125, 160, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 160, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 177);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 125, 146, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 177) }
```

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

```
.background{ background-color: rgb(125,  
160, 177) }
```

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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