

Converting Colors

`RYB(125, 151, 177)`

Have a look what the booklet for
RYB(125, 151, 177) contains.

RYB(125, 151, 177)	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(125, 151, 177)

Conversions

Conversions Part 1

Format	Color
Hex	7DB1B1
RGB	125, 177, 177
RGB Percent	49%, 69%, 69%
CMY	0.5098, 0.3059, 0.3059
CMYK	0.29, 0.00, 0.00, 0.31
HSL	180°, 25%, 59%
HSV	180°, 29%, 69%
XYZ	32.1154, 38.9786, 47.4259
YIQ	161.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

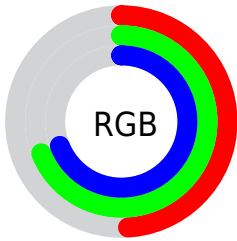
Format	Color
RYB	125, 151, 177
Decimal	8237489
CIELab	68.74, -16.99, -5.51
CIElCh	69, 17.858, 197.970
Yxy	38.9786, 0.2710, 0.3289
Android (android.graphics.Color)	4286427569 (0xFF7DB1B1)
YUV	161.4520, 7.6652, -31.9684
Hunter-Lab	62.4328, -17.4372, -1.3356

Details

The RYB color **125, 151, 177** is a light color, and the websafe version is hex **669999**. A complement of this color would be **177, 125, 125**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **179, 206, 233**, and **73, 99, 124** is the 20% darker color. If you saturate the color by 10%, you get **107, 142, 177**, and if you desaturate by 10%, it is **143, 160, 177**.

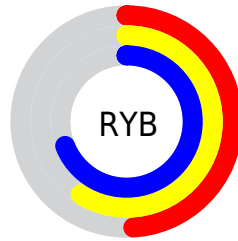
Distribution



Red (49%)

Green (69%)

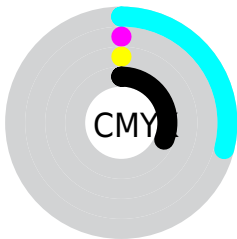
Blue (69%)



Red (49%)

Yellow (59%)

Blue (69%)

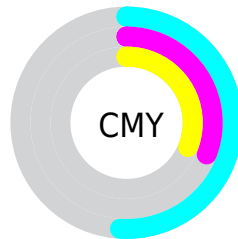


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 151, 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, 151, 177 by changing the saturation by 10% instead.

 125, 151, 177


255, 255, 255

 179, 206, 233

 207, 231, 255


 236, 246, 255

 125, 151, 177


 99, 125, 150

 73, 99, 124

 48, 74, 100

 21, 48, 76

 0, 26, 53

 0, 16, 32


 0, 0, 8


 0, 0, 0


 125, 151, 177


 125, 151, 177

 107, 142, 177


 143, 160, 177

 90, 134, 177


 160, 169, 177

 72, 125, 177

 178, 177, 177


 54, 116, 177

 196, 177, 177

 37, 107, 177

 214, 177, 177

 19, 98, 177

 231, 177, 177

 1, 89, 177

 249, 177, 177

 0, 89, 177

 255, 177, 177

Harmonies

Analogous

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



135, 161, 177



125, 151, 177



127, 154, 191

Triad

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



125, 151, 177



182, 160, 189



178, 187, 136

Complementary

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



125, 151, 177



177, 125, 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.



198, 165, 144



125, 151, 177



196, 157, 175

Square

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



125, 151, 177



162, 166, 198



202, 157, 158



137, 170, 137

Rectangle

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



125, 151, 177



136, 159, 197



202, 157, 158



191, 185, 138

Sweetspot

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



125, 151, 177



209, 220, 230



125, 177, 177



102, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



125, 151, 177



149, 190, 230



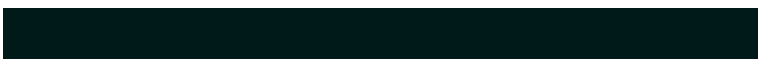
125, 142, 177



80, 85, 89



0, 77, 153



0, 13, 26

Inverse Universe

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



177, 125, 177



230, 149, 230



177, 177, 125



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RYB color 125, 151, 177 looks on a white background.

Color Contrast Check

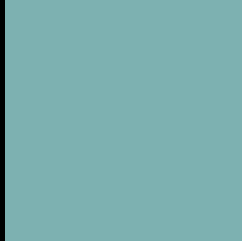
Large Text (above 18pt) WCAG AA × Fail

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, 151, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

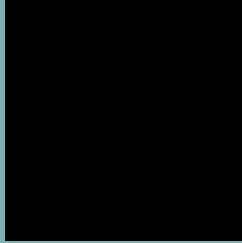
Any Text WCAG AA ✓ Pass

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, 151, 177 Background



This preview shows how black text looks on a background with the RYB color 125, 151, 177.




This preview shows how white text looks on a background with the RYB color 125, 151, 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](#).

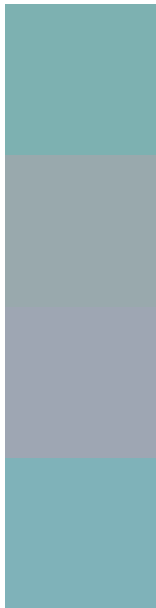
Dichromacy





Tritanopia
128, 155, 189

Trichromacy



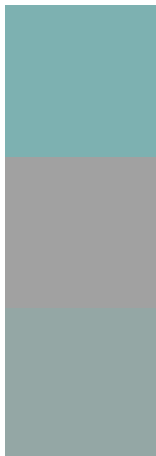
Original Color
125, 151, 177

Protanomaly
153, 162, 173

Deuteranomaly
158, 164, 179

Tritanomaly
127, 154, 185

Monochromacy



Original Color
125, 151, 177

Achromatopsia
161, 161, 161

Achromatomaly
148, 158, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 151, 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, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(125, 177, 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, 177, 177) colored shadow looks like.

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

Border

The CSS property to change the border of an element to RYB 125, 151, 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, 177, 177) }
```

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

```
.border{ border-color:rgb(125, 177, 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, 177, 177)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 125, 151, 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, 177, 177) }
```

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

```
.background{ background-color: rgb(125,  
177, 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](#).

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