

Converting Colors

`RYB(125, 163, 177)`

Have a look what the booklet for
RYB(125, 163, 177) contains.

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Color

`RYB(125, 163, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	7DB190
RGB	125, 177, 144
RGB Percent	49%, 69%, 56%
CMY	0.5098, 0.3059, 0.4347
CMYK	0.29, 0.00, 0.19, 0.31
HSL	142°, 25%, 59%
HSV	142°, 29%, 69%
XYZ	29.2257, 37.8227, 32.2090
YIQ	157.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

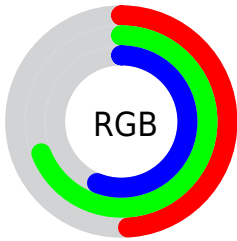
Format	Color
RYB	125, 163, 177
Decimal	8237456
CIELab	67.89, -24.12, 11.38
CIELCh	68, 26.664, 154.744
Yxy	37.8227, 0.2944, 0.3811
Android (android.graphics.Color)	4286427536 (0xFF7DB190)
YUV	157.6900, -6.7492, -28.6691
Hunter-Lab	61.5002, -22.7997, 11.9986

Details

The RYB color **125, 163, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177, 125, 158**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **179, 219, 233**, and **74, 110, 124** is the 20% darker color. If you saturate the color by 10%, you get **107, 158, 177**, and if you desaturate by 10%, it is **143, 168, 177**.

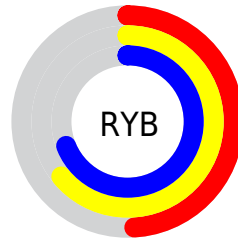
Distribution



Red (49%)

Green (69%)

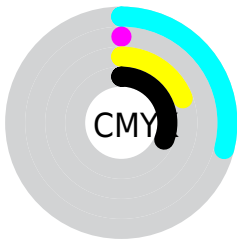
Blue (56%)



Red (49%)

Yellow (64%)

Blue (69%)

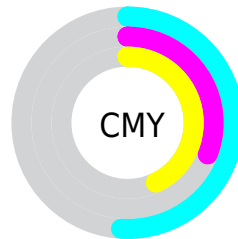


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 163, 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, 163, 177 by changing the saturation by 10% instead.

 125, 163, 177


255, 255, 255


 179, 219, 233

 207, 241, 255

 235, 245, 255

 125, 163, 177

 99, 136, 150

 74, 110, 124

 50, 85, 99

 25, 59, 75

 0, 34, 52

 0, 32, 32


 0, 0, 0

 125, 163, 177


 107, 158, 177

 125, 163, 177


 143, 168, 177

 90, 154, 177


 160, 172, 177

 72, 149, 177


 178, 177, 178


 54, 144, 177

 196, 177, 189

 37, 140, 177

 214, 177, 200

 19, 135, 177

 231, 177, 211

 1, 130, 177

 249, 177, 222

 0, 129, 177

 255, 177, 234

 255, 177, 245

Harmonies

Analogous

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



125, 172, 144



125, 163, 177



101, 143, 179

Triad

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



125, 163, 177



141, 160, 213



212, 152, 139

Complementary

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



125, 163, 177



177, 125, 158

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.



213, 148, 162



125, 163, 177



174, 158, 205

Square

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



125, 163, 177



108, 147, 208



200, 151, 186



200, 184, 123

Rectangle

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



125, 163, 177



92, 137, 185



200, 151, 186



214, 149, 146

Sweetspot

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



125, 163, 177



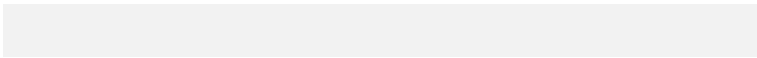
209, 225, 230



125, 177, 144



102, 111, 115



242, 242, 242



115, 115, 115

Same Dimension

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



125, 163, 177



149, 208, 230



125, 153, 177



80, 86, 89



0, 112, 153



0, 19, 26

Inverse Universe

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



177, 125, 158



230, 149, 200



177, 125, 132



89, 80, 86



153, 0, 97



26, 0, 16

Previews

White Background



This preview shows how the RYB color 125, 163, 177 looks on a white background.

Color Contrast Check

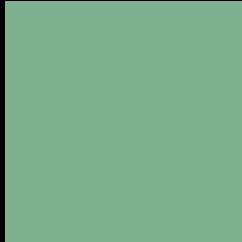
Large Text (above 18pt) WCAG AA × Fail

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, 163, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

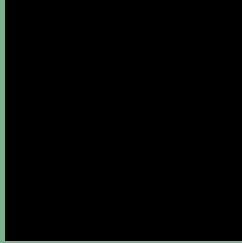
Any Text WCAG AA ✓ Pass

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, 163, 177 Background



This preview shows how black text looks on a background with the RYB color 125, 163, 177.

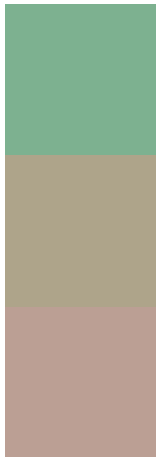


This preview shows how white text looks on a background with the RYB color 125, 163, 177.

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, 163, 177

Protanopia
152, 174, 138

Deuteranopia
187, 163, 148



Tritanopia
133, 155, 185

Trichromacy



Original Color
125, 163, 177

Protanomaly
140, 169, 153

Deuteranomaly
147, 166, 149

Tritanomaly
130, 152, 173

Monochromacy



Original Color
125, 163, 177

Achromatopsia
158, 158, 158

Achromatomaly
146, 160, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 163, 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(125, 177, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 177, 144) }
```

Border

The CSS property to change the border of an element to RYB 125, 163, 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, 144) }
```

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

```
.border{ border-color:rgb(125, 177, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 177, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 177, 144);  
box-shadow:4px 4px 4px 4px rgb(125, 177,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 125, 163, 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, 144) }
```

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

```
.background{ background-color: rgb(125,  
177, 144) }
```

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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