Converting Colors

RYB(121, 154, 185)

Have a look what the booklet for RYB(121, 154, 185) contains.

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Color

RYB(121, 154, 185)

Conversions

Conversions Part 1

Format	Color
Hex	79B9B5
RGB	121, 185, 181
RGB Percent	47%, 73%, 71%
CMY	0.5255, 0.2745, 0.2897
CMYK	0.35, 0.00, 0.02, 0.27
HSL	176°, 31%, 60%
HSV	176°, 35%, 73%
XYZ	33.5871, 42.1040, 50.1380
YIQ	165.4080, -36.8600, -14.8120

Conversions

Conversions Part 2

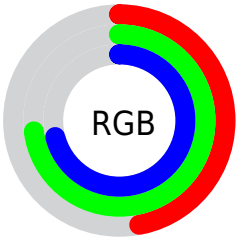
Format	Color
RYB	121, 154, 185
Decimal	7977397
CIELab	70.94, -21.26, -4.54
CIELCh	71, 21.739, 192.057
Yxy	42.1040, 0.2669, 0.3346
Android (android.graphics.Color)	4286167477 (0xFF79B9B5)
YUV	165.4080, 7.6869, -38.9458
Hunter-Lab	64.8876, -21.1584, -0.3914

Details

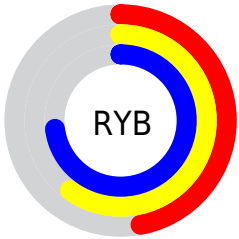
The RYB color 121, 154, 185 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 185, 121, 125, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 176, 210, 241, and 68, 101, 132 is the 20% darker color. If you saturate the color by 10%, you get 103, 145, 185, and if you desaturate by 10%, it is 139, 163, 185.

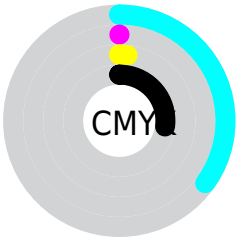
Distribution



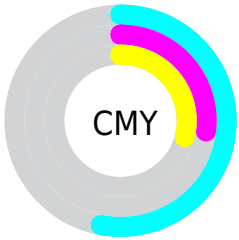
- Red (47%)
- Green (73%)
- Blue (71%)



- Red (47%)
- Yellow (60%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 154, 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 121, 154, 185 by changing the saturation by 10% instead.

121, 154, 185

255, 255, 255

176, 210, 241

204, 230, 255

233, 244, 255

121, 154, 185

94, 127, 158

68, 101, 132

41, 74, 106

7, 45, 82

0, 30, 59

0, 19, 37

0, 5, 14

0, 0, 0

121, 154, 185

121, 154, 185

103, 145, 185

84, 136, 185

65, 127, 185

47, 118, 185

28, 109, 185

10, 100, 185

0, 95, 185

139, 163, 185

158, 172, 185

177, 181, 185

195, 185, 186

213, 185, 187

232, 185, 188

251, 185, 189

255, 185, 190

255, 185, 191

Harmonies

Analogous

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

136, 168, 184

121, 154, 185

120, 155, 199

Triad

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

121, 154, 185

187, 166, 203

197, 199, 136

Complementary

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

121, 154, 185

185, 121, 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.

212, 166, 148

121, 154, 185

206, 161, 186

Square

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

121, 154, 185

161, 171, 212

214, 160, 166

141, 180, 135

Rectangle

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

121, 154, 185

129, 160, 208

214, 160, 166

204, 185, 139

Sweetspot

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

121, 154, 185

216, 229, 240

121, 185, 181

105, 113, 120

247, 247, 247

120, 120, 120

Same Dimension

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

121, 154, 185

139, 191, 240

121, 144, 185

83, 88, 92

0, 81, 156

0, 15, 28

Inverse Universe

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

185, 121, 125

240, 139, 145

185, 171, 121

92, 83, 83

156, 0, 9

28, 0, 2

Previews

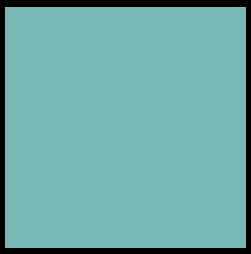
White Background

This preview shows how the RYB color 121, 154, 185 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



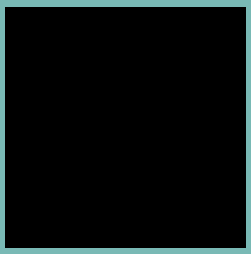
This preview shows how the RYB color 121, 154, 185 looks on a black background.

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 ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 121, 154, 185 Background



This preview shows how black text looks on a background with the RYB color 121, 154, 185.

This preview shows how white text looks on a background with the RYB color 121, 154, 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

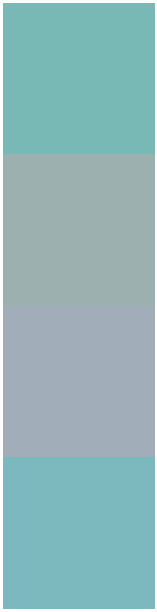
Original Color
121, 154, 185

Protanopia
176, 172, 173

Deuteranopia
184, 168, 185

Tritanopia
125, 157, 197

Trichromacy



Original Color
121, 154, 185

Protanomaly
156, 167, 177

Deuteranomaly
161, 169, 184

Tritanomaly
124, 156, 191

Monochromacy

Original Color
121, 154, 185

Achromatopsia
165, 165, 165

Achromatomaly
149, 161, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 154, 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(121, 185, 181) looks like.

```
.text, #text, p{
    color:rgb(121, 185, 181)
}
```

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(121, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 181) }
```

Border

The CSS property to change the border of an element to RYB 121, 154, 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(121, 185, 181) }
```

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

```
.border{ border-color:rgb(121, 185, 181) }
```

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

Here you see how a box with a 4 pixel rgb(121, 185, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 185, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 185, 181); box-shadow:4px 4px 4px 4px rgb(121, 185, 181) }
```

Background

The CSS property to change the background color of an element to RYB 121, 154, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(121, 185, 181) }
```

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

```
.background{ background-color:rgb(121,
185, 181) }
```

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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