

Converting Colors

`RYB(121, 184, 175)`

Have a look what the booklet for
RYB(121, 184, 175) contains.

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Color

$\text{RYB}(121, 184, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	82B879
RGB	130, 184, 121
RGB Percent	51%, 72%, 47%
CMY	0.4902, 0.2784, 0.5255
CMYK	0.29, 0.00, 0.34, 0.28
HSL	111°, 31%, 60%
HSV	111°, 34%, 72%
XYZ	29.7976, 40.4073, 24.3180
YIQ	160.6720, -11.9610, -31.0410

Conversions

Conversions Part 2

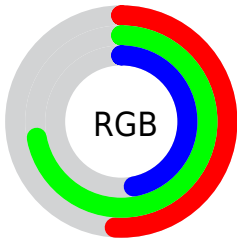
Format	Color
RYB	121, 184, 175
Decimal	8566905
CIELab	69.76, -29.98, 26.52
CIELCh	70, 40.026, 138.513
Yxy	40.4073, 0.3152, 0.4275
Android (android.graphics.Color)	4286756985 (0xFF82B879)
YUV	160.6720, -19.5583, -26.8993
Hunter-Lab	63.5667, -27.5679, 21.8148

Details

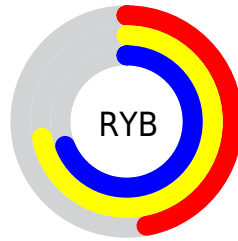
The RYB color **121, 184, 175** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 121, 184**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **174, 240, 230**, and **72, 131, 125** is the 20% darker color. If you saturate the color by 10%, you get **103, 184, 173**, and if you desaturate by 10%, it is **139, 184, 177**.

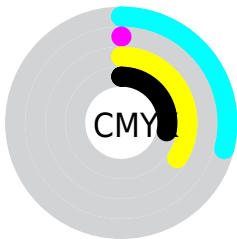
Distribution



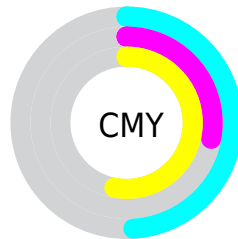
- Red (51%)
- Green (72%)
- Blue (47%)



- Red (47%)
- Yellow (72%)
- Blue (69%)



- Cyan (29%)
- Magenta (0%)
- Yellow (34%)
- Black (28%)



- Cyan (49%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 184, 175 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, 184, 175 by changing the saturation by 10% instead.


 121, 184, 175


255, 255, 255


 174, 240, 230


 201, 255, 243

 230, 255, 244

 121, 184, 175

 96, 157, 149

 72, 131, 125

 48, 105, 100

 26, 81, 80


 0, 56, 57

 0, 36, 36


 0, 0, 0

 121, 184, 175


 103, 184, 173

 121, 184, 175


 139, 184, 177

 84, 184, 170


 158, 184, 180


 66, 184, 167


 176, 184, 183

 47, 184, 164

 193, 184, 195


 29, 184, 162

 209, 184, 213

 11, 184, 160

 225, 184, 231

 0, 184, 158

 240, 184, 250

 255, 184, 255

Harmonies

Analogous

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



100, 175, 104



121, 184, 175



81, 145, 189

Triad

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



121, 184, 175



89, 145, 241



241, 143, 149

Complementary

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



121, 184, 175



175, 121, 184

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.



232, 143, 186



121, 184, 175



154, 165, 239

Square

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



121, 184, 175



0, 102, 224



202, 153, 219



231, 165, 118

Rectangle

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



121, 184, 175



37, 116, 190



202, 153, 219



240, 142, 161

Sweetspot

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



121, 184, 175



216, 240, 237



132, 184, 121



105, 120, 117



247, 247, 247



120, 120, 120

Same Dimension

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



121, 184, 175



141, 240, 226



121, 168, 184



83, 92, 91



0, 156, 134



0, 28, 24

Inverse Universe

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



175, 121, 184



226, 141, 240



184, 121, 162



90, 83, 92



133, 0, 156



24, 0, 28

Previews

White Background



This preview shows how the RYB color 121, 184, 175 looks on a white background.

Color Contrast Check

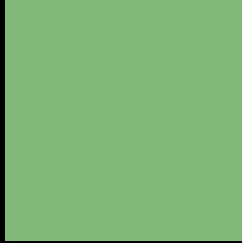
Large Text (above 18pt) WCAG AA × Fail

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, 184, 175 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, 184, 175 Background



This preview shows how black text looks on a background with the RYB color 121, 184, 175.



This preview shows how white text looks on a background with the RYB color 121, 184, 175.

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](#).

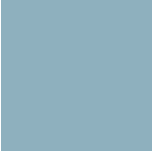
Dichromacy



Original Color
121, 184, 175

Protanopia
133, 184, 115

Deuteranopia
201, 199, 126



Tritanopia
142, 162, 190

Trichromacy



Original Color
121, 184, 175

Protanomaly
117, 175, 128

Deuteranomaly
128, 175, 124

Tritanomaly
138, 163, 179

Monochromacy



Original Color
121, 184, 175

Achromatopsia
161, 161, 161

Achromatomaly
146, 169, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 184, 175 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(130, 184, 121)` looks like.

```
.text, #text, p{  
    color:rgb(130, 184, 121)  
}
```

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(130, 184, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 184, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 184, 175 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(130, 184, 121) }
```

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

```
.border{ border-color:rgb(130, 184, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 184, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 184, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 184, 121);  
box-shadow:4px 4px 4px 4px rgb(130, 184,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 184, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 184, 121) }
```

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

```
.background{ background-color: rgb(130,  
184, 121) }
```

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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