

Converting Colors

`RYB(121, 168, 167)`

Have a look what the booklet for
RYB(121, 168, 167) contains.

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Color

R_YB(121, 168, 167)

Conversions

Conversions Part 1

Format	Color
Hex	7AA879
RGB	122, 168, 121
RGB Percent	48%, 66%, 47%
CMY	0.5216, 0.3412, 0.5255
CMYK	0.27, 0.00, 0.28, 0.34
HSL	119°, 21%, 57%
HSV	119°, 28%, 66%
XYZ	25.4799, 33.5233, 23.2169
YIQ	148.8880, -12.3290, -24.3690

Conversions

Conversions Part 2

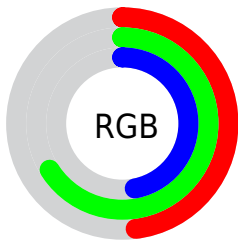
Format	Color
RYB	121, 168, 167
Decimal	8038521
CIELab	64.58, -24.94, 19.45
CIELCh	65, 31.630, 142.052
Yxy	33.5233, 0.3099, 0.4077
Android (android.graphics.Color)	4286228601 (0xFF7AA879)
YUV	148.8880, -13.7488, -23.5808
Hunter-Lab	57.8993, -22.7710, 16.7550

Details

The RYB color **121, 168, 167** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **167, 121, 168**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **174, 223, 222**, and **72, 116, 116** is the 20% darker color. If you saturate the color by 10%, you get **104, 168, 166**, and if you desaturate by 10%, it is **138, 168, 168**.

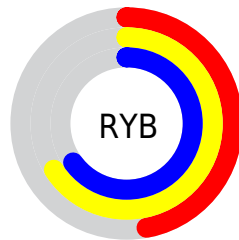
Distribution



Red (48%)

Green (66%)

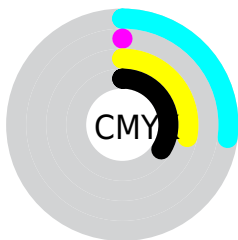
Blue (47%)



Red (47%)

Yellow (66%)

Blue (65%)

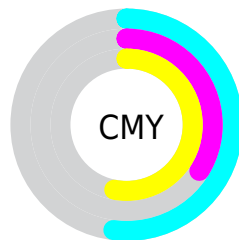


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (34%)



Cyan (52%)


Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 168, 167 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, 168, 167 by changing the saturation by 10% instead.


 121, 168, 167


255, 255, 255


 174, 223, 222

 201, 252, 250

 229, 255, 252

 121, 168, 167

 96, 141, 141

 72, 116, 116

 47, 89, 91

 23, 63, 67


 0, 41, 44


 0, 25, 25


 0, 0, 0

 121, 168, 167


 104, 168, 166


 121, 168, 167


 138, 168, 168

 87, 168, 166


 155, 168, 168

 71, 168, 166


 171, 168, 171


 54, 168, 166

 188, 168, 188

 37, 168, 165


 204, 168, 205

 20, 168, 165

 221, 168, 222

 3, 168, 164

 237, 168, 239

 0, 168, 164

 254, 168, 255

 255, 168, 255

Harmonies

Analogous

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



104, 161, 110



121, 168, 167



88, 137, 172

Triad

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



121, 168, 167



106, 143, 212



213, 136, 137

Complementary

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



121, 168, 167



167, 121, 168

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.



207, 136, 165



121, 168, 167



150, 152, 209

Square

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



121, 168, 167



66, 124, 200



185, 142, 192



203, 158, 113

Rectangle

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



121, 168, 167



67, 121, 172



185, 142, 192



212, 135, 146

Sweetspot

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



121, 168, 167



202, 219, 219



123, 168, 121



99, 110, 110



237, 237, 237



110, 110, 110

Same Dimension

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



121, 168, 167



145, 219, 218



121, 153, 168



76, 84, 84



0, 148, 145



0, 20, 20

Inverse Universe

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



167, 121, 168



218, 145, 219



168, 121, 146



84, 76, 84



145, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RYB color 121, 168, 167 looks on a white background.

Color Contrast Check

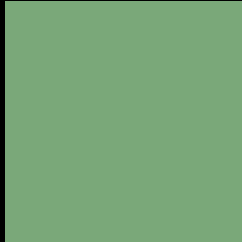
Large Text (above 18pt) WCAG AA × Fail

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, 168, 167 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, 168, 167 Background



This preview shows how black text looks on a background with the RYB color 121, 168, 167.



This preview shows how white text looks on a background with the RYB color 121, 168, 167.

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, 168, 167

Protanopia
130, 167, 116

Deuteranopia
182, 170, 125



Tritanopia
131, 149, 174

Trichromacy



Original Color
121, 168, 167

Protanomaly
118, 160, 127

Deuteranomaly
127, 160, 124

Tritanomaly
128, 149, 164

Monochromacy



Original Color
121, 168, 167

Achromatopsia
149, 149, 149

Achromatomaly
139, 156, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 168, 167 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(122, 168, 121)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 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(122, 168, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 168, 167 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(122, 168, 121) }
```

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

```
.border{ border-color:rgb(122, 168, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 121);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 121, 168, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 121) }
```

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

```
.background{ background-color: rgb(122,  
168, 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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