

Converting Colors

`RYB(121, 152, 149)`

Have a look what the booklet for
RYB(121, 152, 149) contains.

RYB(121, 152, 149)	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(121, 152, 149)

Conversions

Conversions Part 1

Format	Color
Hex	7C9879
RGB	124, 152, 121
RGB Percent	49%, 60%, 47%
CMY	0.5137, 0.4039, 0.5255
CMYK	0.18, 0.00, 0.20, 0.40
HSL	114°, 13%, 54%
HSV	114°, 20%, 60%
XYZ	22.9916, 28.1220, 22.3055
YIQ	140.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

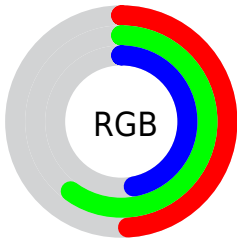
Format	Color
RYB	121, 152, 149
Decimal	8165497
CIELab	60.00, -16.04, 13.13
CIElCh	60, 20.731, 140.694
Yxy	28.1220, 0.3132, 0.3830
Android (android.graphics.Color)	4286355577 (0xFF7C9879)
YUV	140.0940, -9.4133, -14.1144
Hunter-Lab	53.0302, -15.4130, 12.1827

Details

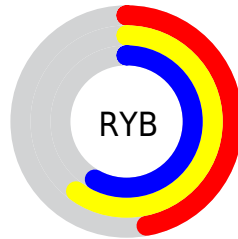
The RYB color **121, 152, 149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **149, 121, 152**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **173, 206, 202**, and **72, 101, 98** is the 20% darker color. If you saturate the color by 10%, you get **106, 152, 148**, and if you desaturate by 10%, it is **136, 152, 150**.

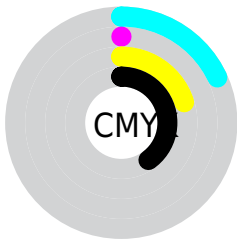
Distribution



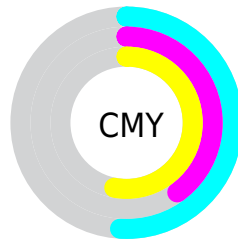
- Red (49%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)




- Cyan (51%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 152, 149 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, 152, 149 by changing the saturation by 10% instead.


 121, 152, 149


255, 255, 255


 173, 206, 202


 201, 235, 232

 229, 255, 251

 121, 152, 149

 96, 126, 123


 72, 101, 98

 50, 77, 76


 28, 54, 53


 4, 33, 28


 0, 0, 0

 121, 152, 149


 106, 152, 148

 91, 152, 146


 121, 152, 149

 136, 152, 150


 151, 152, 152

 75, 152, 144


 165, 152, 167

 60, 152, 143


 179, 152, 182


 45, 152, 142


 193, 152, 197

 30, 152, 140

 206, 152, 212

 15, 152, 139

 220, 152, 227

 0, 152, 137

 234, 152, 243

 248, 152, 255

Harmonies

Analogous

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



110, 147, 112



121, 152, 149



105, 135, 155

Triad

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



121, 152, 149



115, 137, 180



182, 132, 133

Complementary

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



121, 152, 149



149, 121, 152

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.



177, 132, 151



121, 152, 149



140, 142, 179

Square

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



121, 152, 149



96, 129, 172



163, 136, 168



177, 145, 117

Rectangle

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



121, 152, 149



95, 126, 155



163, 136, 168



182, 131, 139

Sweetspot

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



121, 152, 149



185, 196, 195



124, 152, 121



92, 99, 98



227, 227, 227



99, 99, 99

Same Dimension

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



121, 152, 149



149, 196, 191



121, 143, 152



69, 77, 76



0, 140, 126



0, 13, 12

Inverse Universe

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



149, 121, 152



192, 149, 196



152, 121, 140



76, 69, 77



127, 0, 140



12, 0, 13

Previews

White Background



This preview shows how the RYB color 121, 152, 149 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 152, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

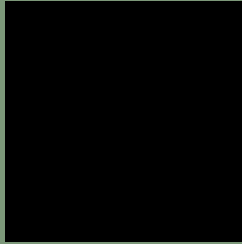
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 121, 152, 149 Background



This preview shows how black text looks on a background with the R Y B color 121, 152, 149.



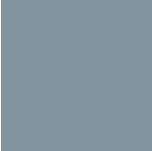
This preview shows how white text looks on a background with the R Y B color 121, 152, 149.

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
130, 141, 159

Trichromacy



Original Color

121, 152, 149

Protanomaly

118, 147, 123

Deuteranomaly

131, 150, 123

Tritanomaly

128, 140, 149

Monochromacy



Original Color

121, 152, 149

Achromatopsia

140, 140, 140

Achromatomaly

133, 144, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 152, 149 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(124, 152, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 152, 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(124, 152, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 152, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 152, 149 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(124, 152, 121) }
```

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

```
.border{ border-color:rgb(124, 152, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 152, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 152, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 152, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 152,  
121) }
```

Background

The CSS property to change the background color of an element to RYB 121, 152, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 152, 121) }
```

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

```
.background{ background-color: rgb(124,  
152, 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](#).

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