

Converting Colors

`RYB(121, 144, 151)`

Have a look what the booklet for
RYB(121, 144, 151) contains.

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Color

`RYB(121, 144, 151)`

Conversions

Conversions Part 1

Format	Color
Hex	799782
RGB	121, 151, 130
RGB Percent	47%, 59%, 51%
CMY	0.5255, 0.4078, 0.4897
CMYK	0.20, 0.00, 0.14, 0.41
HSL	138°, 13%, 53%
HSV	138°, 20%, 59%
XYZ	22.9898, 27.8134, 25.3219
YIQ	139.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

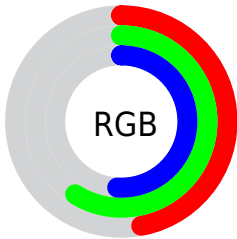
Format	Color
R_{YB}	121, 144, 151
Decimal	7968642
CIE _{Lab}	59.72, -14.85, 7.56
CIE _{LCh}	60, 16.660, 153.015
Yxy	27.8134, 0.3020, 0.3654
Android (android.graphics.Color)	4286158722 (0xFF799782)
YUV	139.6360, -4.7505, -16.3438
Hunter-Lab	52.7384, -14.4802, 8.4493

Details

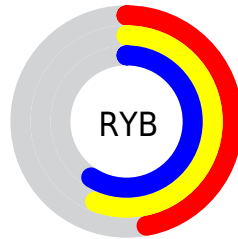
The RYB color **121, 144, 151** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **151, 121, 142**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **174, 198, 205**, and **72, 93, 100** is the 20% darker color. If you saturate the color by 10%, you get **106, 140, 151**, and if you desaturate by 10%, it is **136, 147, 151**.

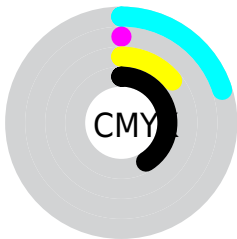
Distribution



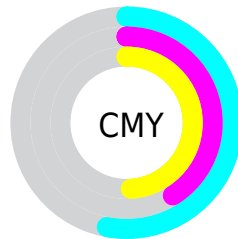
- Red (47%)
- Green (59%)
- Blue (51%)



- Red (47%)
- Yellow (56%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)




- Cyan (53%)
- Magenta (41%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the RYB color 121, 144, 151 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, 144, 151 by changing the saturation by 10% instead.


 121, 144, 151


255, 255, 255

 174, 198, 205

 201, 226, 234

 229, 248, 255

 121, 144, 151

 96, 118, 125


 72, 93, 100

 49, 69, 76


 27, 46, 53


 5, 25, 32

 0, 0, 0

 121, 144, 151


 106, 140, 151

 91, 137, 151


 121, 144, 151


 136, 147, 151


 151, 151, 151

 76, 133, 151


 166, 151, 162

 61, 130, 151


 181, 151, 172

 46, 126, 151


 196, 151, 183


 30, 123, 151

 212, 151, 193

 15, 119, 151

 227, 151, 204

 0, 116, 151

 242, 151, 214

 255, 151, 225

Harmonies

Analogous

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



119, 148, 130



121, 144, 151



108, 132, 152

Triad

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



121, 144, 151



129, 141, 173



174, 136, 129

Complementary

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



121, 144, 151



151, 121, 142

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.



173, 134, 143



121, 144, 151



148, 140, 168

Square

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



121, 144, 151



112, 134, 169



164, 135, 157



167, 152, 118

Rectangle

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



121, 144, 151



104, 129, 155



164, 135, 157



175, 134, 133

Sweetspot

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



121, 144, 151



185, 194, 196



121, 151, 130



92, 97, 99



227, 227, 227



99, 99, 99

Same Dimension

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



121, 144, 151



149, 185, 196



121, 138, 151



69, 75, 77



0, 107, 140



0, 10, 13

Inverse Universe

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



151, 121, 142



196, 149, 182



151, 121, 127



77, 69, 74



140, 0, 98



13, 0, 9

Previews

White Background



This preview shows how the RYB color 121, 144, 151 looks on a white background.

Color Contrast Check

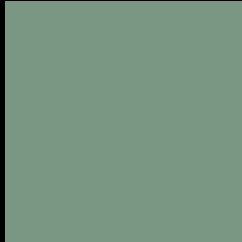
Large Text (above 18pt) WCAG AA ✓ Pass

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, 144, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

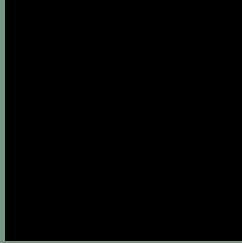
Any Text WCAG AA ✓ Pass

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](#).

RYB 121, 144, 151 Background



This preview shows how black text looks on a background with the RYB color 121, 144, 151.



This preview shows how white text looks on a background with the RYB color 121, 144, 151.

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](#).

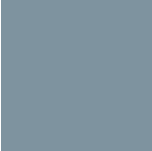
Dichromacy



Original Color
121, 144, 151

Protanopia
136, 150, 126

Deuteranopia
161, 139, 133



Tritanopia
126, 139, 159

Trichromacy



Original Color

121, 144, 151

Protanomaly

128, 146, 135

Deuteranomaly

136, 146, 132

Tritanomaly

124, 136, 149

Monochromacy



Original Color

121, 144, 151

Achromatopsia

140, 140, 140

Achromatomaly

133, 142, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 144, 151 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, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(121, 151, 130)  
}
```

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, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 151, 130) }
```

Border

The CSS property to change the border of an element to RYB 121, 144, 151 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, 151, 130) }
```

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

```
.border{ border-color:rgb(121, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(121, 151,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 121, 144, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 151, 130) }
```

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

```
.background{ background-color: rgb(121,  
151, 130) }
```

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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