

Converting Colors

`RYB(121, 144, 148)`

Have a look what the booklet for
RYB(121, 144, 148) contains.

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Color

R_YB(121, 144, 148)

Conversions

Conversions Part 1

Format	Color
Hex	79947E
RGB	121, 148, 126
RGB Percent	47%, 58%, 49%
CMY	0.5255, 0.4196, 0.5071
CMYK	0.18, 0.00, 0.15, 0.42
HSL	130°, 11%, 53%
HSV	130°, 18%, 58%
XYZ	22.2213, 26.7433, 23.6266
YIQ	137.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

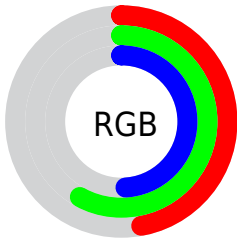
Format	Color
R_{YB}	121, 144, 148
Decimal	7967870
CIE _{Lab}	58.74, -14.12, 8.67
CIE _{LCh}	59, 16.567, 148.437
Yxy	26.7433, 0.3061, 0.3684
Android (android.graphics.Color)	4286157950 (0xFF79947E)
YUV	137.4190, -5.6296, -14.3995
Hunter-Lab	51.7139, -13.7983, 9.1118

Details

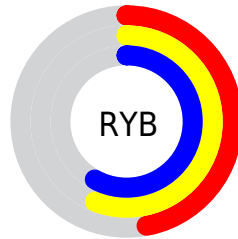
The RYB color **121, 144, 148** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **148, 121, 143**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **174, 198, 202**, and **72, 93, 97** is the 20% darker color. If you saturate the color by 10%, you get **106, 142, 148**, and if you desaturate by 10%, it is **136, 146, 148**.

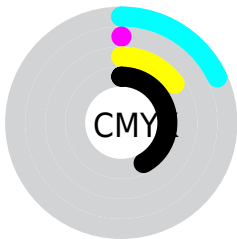
Distribution



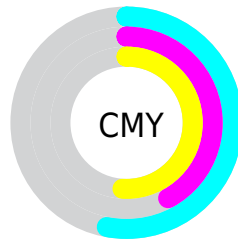
- Red (47%)
- Green (58%)
- Blue (49%)



- Red (47%)
- Yellow (56%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)




- Cyan (53%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 144, 148 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, 148 by changing the saturation by 10% instead.


 121, 144, 148


255, 255, 255

 174, 199, 202

 201, 226, 230

 229, 251, 255

 121, 144, 148

 96, 118, 122


 72, 93, 97

 49, 69, 73


 27, 46, 51


 5, 26, 30

 0, 0, 0


 121, 144, 148

 106, 142, 148

 91, 139, 148

 121, 144, 148

 136, 146, 148

 151, 148, 150

■ 77, 138, 148

■ 165, 148, 162

■ 62, 135, 148

■ 180, 148, 175

■ 47, 133, 148

■ 195, 148, 187

■ 32, 131, 148

■ 210, 148, 199

■ 17, 128, 148

■ 225, 148, 211

■ 3, 127, 148

■ 239, 148, 224

■ 0, 126, 148

■ 254, 148, 236

Harmonies

Analogous

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



116, 145, 123



121, 144, 148



107, 131, 150

Triad

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



121, 144, 148



124, 137, 170



171, 132, 128

Complementary

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



121, 144, 148



148, 121, 143

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.



170, 131, 143



121, 144, 148



143, 138, 167

Square

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



121, 144, 148



108, 131, 166



160, 133, 157



165, 146, 117

Rectangle

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



121, 144, 148



102, 126, 150



160, 133, 157



172, 131, 133

Sweetspot

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



121, 144, 148



182, 190, 191



121, 148, 125



91, 96, 97



224, 224, 224



97, 97, 97

Same Dimension

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



121, 144, 148



149, 185, 191



121, 137, 148



67, 73, 74



0, 118, 138



0, 8, 10

Inverse Universe

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



148, 121, 143



191, 149, 184



148, 121, 130



74, 67, 73



138, 0, 114



10, 0, 8

Previews

White Background



This preview shows how the RYB color 121, 144, 148 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, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

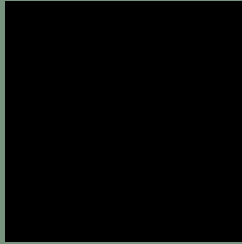
Any Text WCAG AA ✓ Pass

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, 144, 148 Background



This preview shows how black text looks on a background with the RYB color 121, 144, 148.



This preview shows how white text looks on a background with the RYB color 121, 144, 148.

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
126, 137, 155

Trichromacy



Original Color

121, 144, 148

Protanomaly

123, 144, 129

Deuteranomaly

134, 145, 127

Tritanomaly

124, 135, 145

Monochromacy



Original Color

121, 144, 148

Achromatopsia

137, 137, 137

Achromatomaly

131, 139, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 144, 148 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, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 126)  
}
```

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, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 126) }
```

Border

The CSS property to change the border of an element to RYB 121, 144, 148 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, 148, 126) }
```

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

```
.border{ border-color:rgb(121, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(121, 148,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 121, 144, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 126) }
```

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

```
.background{ background-color: rgb(121,  
148, 126) }
```

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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