

Converting Colors

`RYB(111, 171, 124)`

Have a look what the booklet for
RYB(111, 171, 124) contains.

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Color

R_YB(111, 171, 124)

Conversions

Conversions Part 1

Format	Color
Hex	9EAB6F
RGB	158, 171, 111
RGB Percent	62%, 67%, 44%
CMY	0.3804, 0.3294, 0.5647
CMYK	0.08, 0.00, 0.35, 0.33
HSL	73°, 26%, 55%
HSV	73°, 35%, 67%
XYZ	31.5327, 37.5426, 20.6234
YIQ	160.2730, 11.5120, -21.4160

Conversions

Conversions Part 2

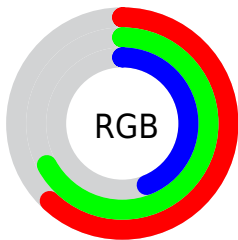
Format	Color
RYB	111, 171, 124
Decimal	10398575
CIELab	67.68, -14.56, 29.42
CIELCh	68, 32.829, 116.338
Yxy	37.5426, 0.3515, 0.4185
Android (android.graphics.Color)	4288588655 (0xFF9EAB6F)
YUV	160.2730, -24.2916, -1.9934
Hunter-Lab	61.2720, -15.3638, 22.9341

Details

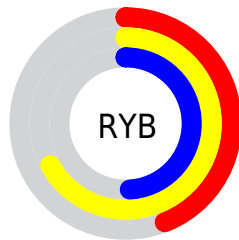
The RYB color **111, 171, 124** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **124, 111, 171**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **163, 226, 176**, and **62, 119, 75** is the 20% darker color. If you saturate the color by 10%, you get **94, 171, 111**, and if you desaturate by 10%, it is **128, 171, 137**.

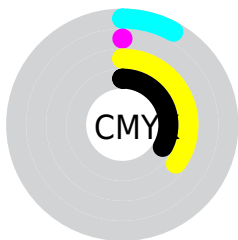
Distribution



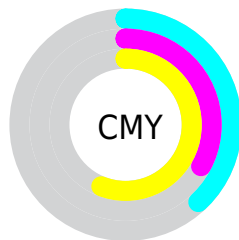
- Red (62%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (49%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)




- Cyan (38%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 171, 124 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 111, 171, 124 by changing the saturation by 10% instead.

 111, 171, 124

255, 255, 255


 163, 226, 176


 191, 255, 204


 219, 255, 219


 247, 255, 247

 111, 171, 124

 94, 171, 111

 111, 171, 124

 86, 144, 99

 62, 119, 75


 39, 94, 52

 16, 70, 29

 0, 48, 13

 0, 28, 23

 0, 0, 0

 111, 171, 124

 128, 171, 137

■ 77, 171, 97

■ 145, 171, 151

■ 60, 171, 84

■ 162, 171, 164

■ 43, 171, 71

■ 173, 171, 179

■ 25, 171, 57

■ 177, 171, 196

■ 8, 171, 43

■ 180, 171, 214

■ 0, 171, 37

■ 184, 171, 231

■ 188, 171, 248

■ 191, 171, 255

Harmonies

Analogous

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



144, 188, 106



111, 171, 124



124, 172, 178

Triad

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



111, 171, 124



75, 133, 213



219, 143, 170

Complementary

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



111, 171, 124



124, 111, 171

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.



199, 148, 198



111, 171, 124



118, 152, 223

Square

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



111, 171, 124



61, 123, 190



164, 159, 218



223, 144, 140

Rectangle

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



111, 171, 124



99, 149, 180



164, 159, 218



214, 144, 180

Sweetspot

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



111, 171, 124



197, 222, 202



171, 128, 111



98, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



111, 171, 124



129, 222, 149



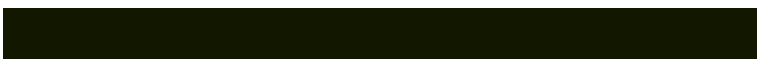
111, 171, 153



78, 87, 80



0, 150, 32



0, 23, 5

Inverse Universe

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



124, 111, 171



149, 129, 222



154, 111, 171



80, 78, 87



33, 0, 150



5, 0, 23

Previews

White Background



This preview shows how the RYB color 111, 171, 124 looks on a white background.

Color Contrast Check

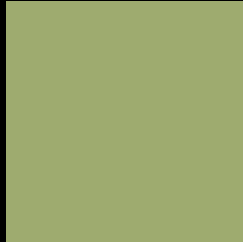
Large Text (above 18pt) WCAG AA × Fail

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 111, 171, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

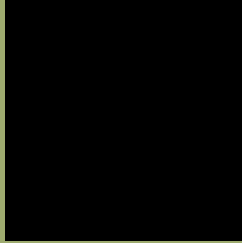
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

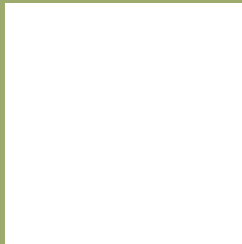
Any Text WCAG AAA ✓ Pass

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

RYB 111, 171, 124 Background



This preview shows how black text looks on a background with the RYB color 111, 171, 124.



This preview shows how white text looks on a background with the RYB color 111, 171, 124.

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
111, 171, 124

Protanopia
125, 179, 108

Deuteranopia
185, 196, 114



Tritanopia
166, 163, 176

Trichromacy



Original Color
111, 171, 124

Protanomaly
113, 171, 109

Deuteranomaly
139, 182, 113

Tritanomaly
152, 166, 155

Monochromacy



Original Color
111, 171, 124

Achromatopsia
160, 160, 160

Achromatomaly
142, 164, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 171, 124 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(158, 171, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 171, 111)  
}
```

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(158, 171, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 171, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 171, 124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

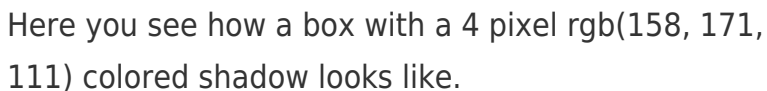
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 171, 111) }
```

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

```
.border{ border-color:rgb(158, 171, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 171, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 171, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 171, 111); box-shadow:4px 4px 4px 4px rgb(158, 171, 111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 171, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 171, 111) }
```

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

```
.background{ background-color: rgb(158,  
171, 111) }
```

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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