

Converting Colors

`RYB(111, 169, 114)`

Have a look what the booklet for
RYB(111, 169, 114) contains.

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Color

R_YB(111, 169, 114)

Conversions

Conversions Part 1

Format	Color
Hex	A6A96F
RGB	166, 169, 111
RGB Percent	65%, 66%, 44%
CMY	0.3490, 0.3373, 0.5647
CMYK	0.02, 0.00, 0.34, 0.34
HSL	63°, 25%, 55%
HSV	63°, 34%, 66%
XYZ	32.7831, 37.6306, 20.5745
YIQ	161.4910, 16.8300, -18.6740

Conversions

Conversions Part 2

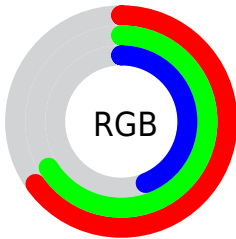
Format	Color
RYB	111, 169, 114
Decimal	10922351
CIELab	67.75, -10.33, 29.62
CIELCh	68, 31.374, 109.225
Yxy	37.6306, 0.3603, 0.4136
Android (android.graphics.Color)	4289112431 (0xFFA6A96F)
YUV	161.4910, -24.8921, 3.9544
Hunter-Lab	61.3438, -11.9584, 23.0550

Details

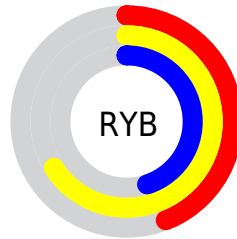
The RYB color **111, 169, 114** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **114, 111, 169**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **163, 224, 165**, and **62, 117, 66** is the 20% darker color. If you saturate the color by 10%, you get **94, 169, 98**, and if you desaturate by 10%, it is **128, 169, 130**.

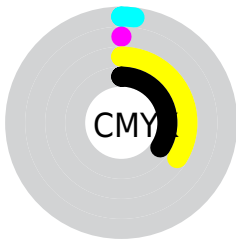
Distribution



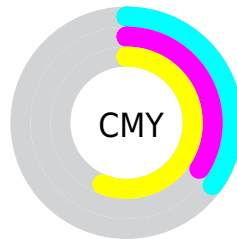
- Red (65%)
- Green (66%)
- Blue (44%)



- Red (44%)
- Yellow (66%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (34%)




- Cyan (35%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 169, 114 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, 169, 114 by changing the saturation by 10% instead.

 111, 169, 114


255, 255, 255


 163, 224, 165


 191, 253, 193

 219, 255, 219

 247, 255, 247

 111, 169, 114

 86, 143, 90

 62, 117, 66

 39, 92, 43

 16, 69, 21


 0, 47, 6

 0, 26, 10

 0, 0, 0

 111, 169, 114

 94, 169, 98

 111, 169, 114

 128, 169, 130

■ 77, 169, 82

■ 145, 169, 146

■ 60, 169, 66

■ 162, 169, 162

■ 43, 169, 49

■ 169, 169, 179

■ 26, 169, 33

■ 170, 169, 195

■ 10, 169, 18

■ 171, 169, 212

■ 0, 169, 9

■ 172, 169, 229

■ 173, 169, 246

■ 174, 169, 255

Harmonies

Analogous

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



167, 194, 110



111, 169, 114



127, 176, 169

Triad

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



111, 169, 114



76, 133, 207



214, 145, 176

Complementary

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



111, 169, 114



114, 111, 169

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.



191, 151, 202



111, 169, 114



111, 150, 220

Square

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



111, 169, 114



73, 127, 183



154, 160, 218



221, 144, 148

Rectangle

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



111, 169, 114



111, 157, 179



154, 160, 218



208, 146, 186

Sweetspot

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



111, 169, 114



197, 219, 198



169, 114, 111



96, 110, 97



237, 237, 237



110, 110, 110

Same Dimension

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



111, 169, 114



129, 219, 133



111, 169, 143



76, 84, 76



0, 148, 8



0, 20, 1

Inverse Universe

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



114, 111, 169



134, 129, 219



143, 111, 169



76, 76, 84



8, 0, 148



1, 0, 20

Previews

White Background



This preview shows how the RYB color 111, 169, 114 looks on a white background.

Color Contrast Check

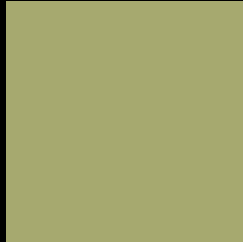
Large Text (above 18pt) WCAG AA × Fail

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, 169, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

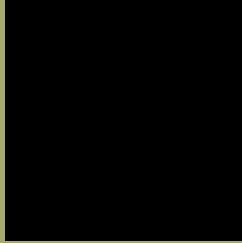
Any Text WCAG AA ✓ Pass

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, 169, 114 Background



This preview shows how black text looks on a background with the RYB color 111, 169, 114.



This preview shows how white text looks on a background with the RYB color 111, 169, 114.

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, 169, 114

Protanopia
127, 179, 109

Deuteranopia
186, 197, 113



Tritanopia
174, 161, 174

Trichromacy



Original Color
111, 169, 114

Protanomaly
119, 174, 110

Deuteranomaly
148, 186, 112

Tritanomaly
162, 171, 151

Monochromacy



Original Color
111, 169, 114

Achromatopsia
161, 161, 161

Achromatomaly
143, 164, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 169, 114 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(166, 169, 111)` looks like.

```
.text, #text, p{  
    color:rgb(166, 169, 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(166, 169, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 169, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 169, 114 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(166, 169, 111) }
```

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

```
.border{ border-color:rgb(166, 169, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 169, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 169, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 169, 111);  
box-shadow:4px 4px 4px 4px rgb(166, 169,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 169, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 169, 111) }
```

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

```
.background{ background-color: rgb(166,  
169, 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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