

Converting Colors

`RYB(115, 179, 106)`

Have a look what the booklet for
RYB(115, 179, 106) contains.

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Color

R_YB(115, 179, 106)

Conversions

Conversions Part 1

Format	Color
Hex	B3AB6A
RGB	179, 171, 106
RGB Percent	70%, 67%, 42%
CMY	0.2980, 0.3295, 0.5843
CMYK	0.00, 0.04, 0.41, 0.30
HSL	53°, 32%, 56%
HSV	53°, 41%, 70%
XYZ	35.7525, 39.7455, 19.4230
YIQ	165.9820, 25.6330, -18.5190

Conversions

Conversions Part 2

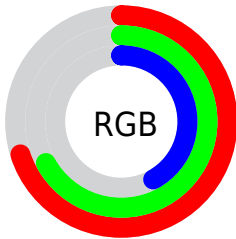
Format	Color
RYB	115, 179, 106
Decimal	11774826
CIELab	69.29, -6.69, 34.46
CIELCh	69, 35.106, 100.982
Yxy	39.7455, 0.3767, 0.4187
Android (android.graphics.Color)	4289964906 (0xFFB3AB6A)
YUV	165.9820, -29.5711, 11.4168
Hunter-Lab	63.0441, -9.0990, 25.8644

Details

The RYB color **115, 179, 106** is a light color, and the websafe version is hex **999966**. A complement of this color would be **106, 113, 179**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **169, 236, 158**, and **64, 125, 57** is the 20% darker color. If you saturate the color by 10%, you get **99, 179, 88**, and if you desaturate by 10%, it is **131, 179, 124**.

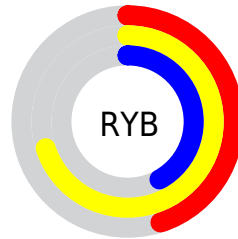
Distribution



Red (70%)

Green (67%)

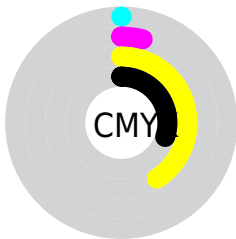
Blue (42%)



Red (45%)

Yellow (70%)

Blue (42%)

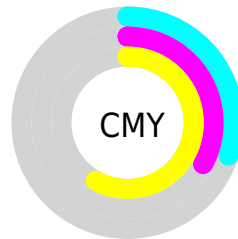


Cyan (0%)

Magenta (4%)

Yellow (41%)

Black (30%)



Cyan (30%)


Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 179, 106 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 115, 179, 106 by changing the saturation by 10% instead.

 115, 179, 106

255, 255, 255


 169, 236, 158

 185, 255, 185

 213, 255, 213

 242, 255, 242


 115, 179, 106

 89, 152, 81

 64, 125, 57

 39, 99, 34

 12, 74, 9

 1, 50, 0


 0, 28, 2

 0, 0, 0

 115, 179, 106

 99, 179, 88

 115, 179, 106

 131, 179, 124

83, 179, 70

146, 179, 142

68, 179, 52

162, 179, 160

52, 179, 34

178, 179, 178

37, 179, 17

179, 181, 196

23, 179, 0

179, 183, 213

179, 184, 231

179, 186, 249

179, 188, 255

Harmonies

Analogous

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



202, 208, 109



115, 179, 106



120, 180, 156

Triad

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



115, 179, 106



51, 123, 210



219, 147, 191

Complementary

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



115, 179, 106



106, 113, 179

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.



188, 157, 217



115, 179, 106



91, 144, 229

Square

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



115, 179, 106



65, 127, 186



143, 162, 231



232, 145, 158

Rectangle

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



115, 179, 106



118, 168, 183



143, 162, 231



210, 150, 201

Sweetspot

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



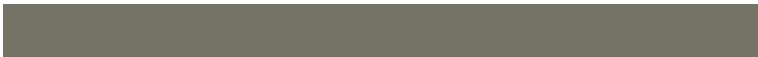
115, 179, 106



207, 232, 204



179, 106, 115



103, 117, 101



245, 245, 245



117, 117, 117

Same Dimension

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



115, 179, 106



131, 232, 118



106, 179, 134



81, 89, 80



19, 153, 0



3, 26, 0

Inverse Universe

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



106, 113, 179



118, 130, 232



134, 106, 179



80, 81, 89



0, 15, 153



0, 3, 26

Previews

White Background



This preview shows how the RYB color 115, 179, 106 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 115, 179, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

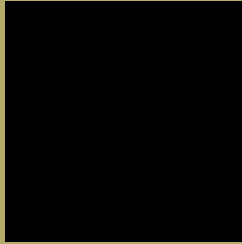
Any Text WCAG AA ✓ Pass

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 115, 179, 106 Background



This preview shows how black text looks on a background with the RYB color 115, 179, 106.



This preview shows how white text looks on a background with the RYB color 115, 179, 106.

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

115, 179, 106

Protanopia

124, 184, 105

Deuteranopia

183, 204, 108



Tritanopia
187, 163, 175

Trichromacy



Original Color

115, 179, 106

Protanomaly

119, 182, 105

Deuteranomaly

153, 195, 107

Tritanomaly

184, 180, 150

Monochromacy



Original Color

115, 179, 106

Achromatopsia

166, 166, 166

Achromatomaly

147, 171, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 179, 106 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(179, 171, 106)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 106)  
}
```

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(179, 171, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 106) }
```

Border

The CSS property to change the border of an element to RYB 115, 179, 106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

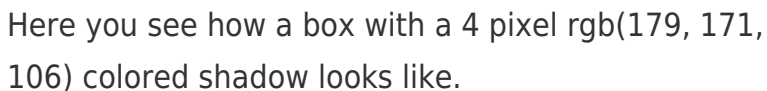
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 171, 106) }
```

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

```
.border{ border-color:rgb(179, 171, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 171, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 171, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 171, 106); box-shadow:4px 4px 4px 4px rgb(179, 171, 106) }
```

Background

The CSS property to change the background color of an element to RYB 115, 179, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 106) }
```

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

```
.background{ background-color: rgb(179,  
171, 106) }
```

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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