

Converting Colors

`RYB(115, 185, 146)`

Have a look what the booklet for
RYB(115, 185, 146) contains.

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Color

R_YB(115, 185, 146)

Conversions

Conversions Part 1

Format	Color
Hex	9AB973
RGB	154, 185, 115
RGB Percent	60%, 73%, 45%
CMY	0.3961, 0.2745, 0.5490
CMYK	0.17, 0.00, 0.38, 0.27
HSL	87°, 33%, 59%
HSV	87°, 38%, 73%
XYZ	33.7699, 42.8058, 22.7021
YIQ	167.7510, 3.9940, -28.3420

Conversions

Conversions Part 2

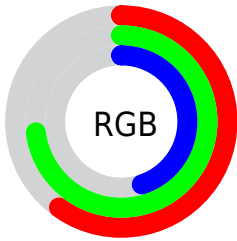
Format	Color
RYB	115, 185, 146
Decimal	10140019
CIELab	71.42, -22.69, 32.13
CIElCh	71, 39.337, 125.225
Yxy	42.8058, 0.3402, 0.4312
Android (android.graphics.Color)	4288330099 (0xFF9AB973)
YUV	167.7510, -26.0062, -12.0596
Hunter-Lab	65.4261, -22.3623, 25.2253

Details

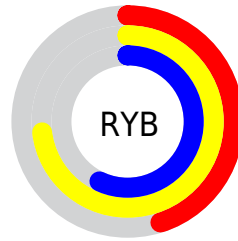
The RYB color **115, 185, 146** is a light color, and the websafe version is hex **99CC99**, and the color name is **olivine**. A complement of this color would be **146, 115, 185**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **168, 241, 200**, and **66, 132, 96** is the 20% darker color. If you saturate the color by 10%, you get **97, 185, 136**, and if you desaturate by 10%, it is **134, 185, 157**.

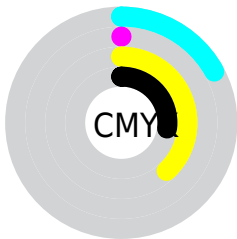
Distribution



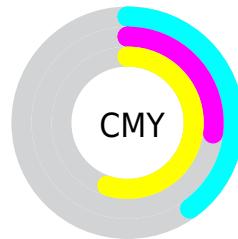
- Red (60%)
- Green (73%)
- Blue (45%)



- Red (45%)
- Yellow (73%)
- Blue (57%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 185, 146 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, 185, 146 by changing the saturation by 10% instead.

 115, 185, 146

255, 255, 255


 168, 241, 200

 195, 255, 212

 223, 255, 223

 252, 255, 252

 115, 185, 146

 90, 158, 121

 66, 132, 96

 42, 106, 71

 18, 82, 48

 0, 59, 30

 0, 37, 35

 0, 10, 10

 0, 0, 0

 115, 185, 146

 115, 185, 146

■ 97, 185, 136

■ 134, 185, 157

■ 78, 185, 125

■ 152, 185, 167

■ 60, 185, 116

■ 171, 185, 177

■ 41, 185, 105

■ 187, 185, 189

■ 22, 185, 94

■ 195, 185, 208

■ 4, 185, 84

■ 203, 185, 226

■ 0, 185, 82

■ 211, 185, 245

■ 220, 185, 255

■ 228, 185, 255

Harmonies

Analogous

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



124, 192, 103



115, 185, 146



110, 168, 192

Triad

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



115, 185, 146



66, 137, 239



243, 147, 170

Complementary

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



115, 185, 146



146, 115, 185

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.



225, 152, 206



115, 185, 146



133, 164, 246

Square

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



115, 185, 146



0, 102, 215



187, 163, 234



242, 154, 135

Rectangle

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



115, 185, 146



76, 142, 194



187, 163, 234



240, 147, 182

Sweetspot

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



115, 185, 146



213, 240, 225



185, 168, 115



104, 120, 111



247, 247, 247



120, 120, 120

Same Dimension

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



115, 185, 146



132, 240, 180



115, 185, 180



83, 92, 87



0, 156, 69



0, 28, 12

Inverse Universe

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



146, 115, 185



180, 132, 240



180, 115, 185



87, 83, 92



69, 0, 156



12, 0, 28

Previews

White Background



This preview shows how the RYB color 115, 185, 146 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, 185, 146 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](#).

R Y B 115, 185, 146 Background



This preview shows how black text looks on a background with the RYB color 115, 185, 146.

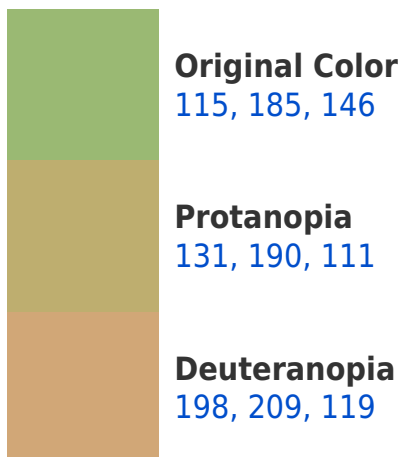


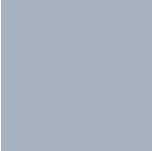
This preview shows how white text looks on a background with the RYB color 115, 185, 146.

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
165, 173, 190

Trichromacy



Original Color
115, 185, 146

Protanomaly
112, 178, 113

Deuteranomaly
137, 189, 118

Tritanomaly
161, 177, 179

Monochromacy



Original Color
115, 185, 146

Achromatopsia
168, 168, 168

Achromatomaly
149, 174, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 185, 146 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(154, 185, 115)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 115)  
}
```

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(154, 185, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 185, 146 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(154, 185, 115) }
```

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

```
.border{ border-color:rgb(154, 185, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 185, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 185, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 185, 115) }
```

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

```
.background{ background-color: rgb(154,  
185, 115) }
```

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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