Converting Colors

RYB(115, 181, 132)

Have a look what the booklet for RYB(115, 181, 132) contains.

Color

RYB(115, 181, 132)

Conversions

Conversions Part 1

Format	Color
Hex	A4B573
RGB	164, 181, 115
RGB Percent	64%, 71%, 45%
CMY	0.3569, 0.2902, 0.5490
CMYK	0.09, 0.00, 0.36, 0.29
HSL	75°, 31%, 58%
HSV	75°, 36%, 71%
XYZ	34.9282, 42.1781, 22.5199
YIQ	168.3930, 11.0540, -24.1300

Conversions

Conversions Part 2

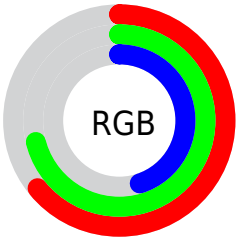
Format	Color
RYB	115, 181, 132
Decimal	10794355
CIELab	70.99, -16.83, 31.71
CIELCh	71, 35.904, 117.962
Yxy	42.1781, 0.3506, 0.4234
Android (android.graphics.Color)	4288984435 (0xFFA4B573)
YUV	168.3930, -26.3227, -3.8527
Hunter-Lab	64.9446, -17.6531, 24.9021

Details

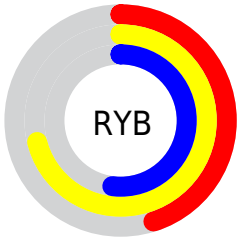
The RYB color 115, 181, 132 is a light color, and the websafe version is hex 999966. A complement of this color would be 132, 115, 181, and the grayscale version is 169, 169, 169.

A 20% lighter version of the original color is 168, 237, 185, and 66, 128, 83 is the 20% darker color. If you saturate the color by 10%, you get 97, 181, 119, and if you desaturate by 10%, it is 133, 181, 145.

Distribution

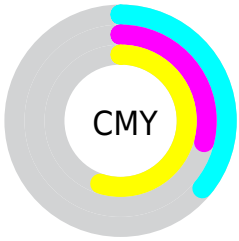


- Red (64%)
- Green (71%)
- Blue (45%)



- Red (45%)
- Yellow (71%)
- Blue (52%)

- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 181, 132 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, 181, 132 by changing the saturation by 10% instead.

115, 181, 132	115, 181, 132
255, 255, 255	90, 154, 107
168, 237, 185	66, 128, 83
195, 255, 201	42, 103, 59
223, 255, 223	19, 79, 36
252, 255, 252	0, 56, 17
	0, 35, 20
	0, 7, 7
	0, 0, 0

115, 181, 132

115, 181, 132

97, 181, 119

79, 181, 105

61, 181, 92

43, 181, 79

25, 181, 65

6, 181, 51

0, 181, 47

133, 181, 145

151, 181, 159

169, 181, 172

183, 181, 187

187, 181, 206

192, 181, 224

197, 181, 242

201, 181, 255

206, 181, 255

Harmonies

Analogous

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

147, 198, 108

115, 181, 132

126, 178, 188

Triad

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

115, 181, 132

72, 138, 228

234, 149, 177

Complementary

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

115, 181, 132

132, 115, 181

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.

213, 155, 209

115, 181, 132

124, 161, 239

Square

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

115, 181, 132

51, 124, 203

175, 166, 231

237, 151, 145

Rectangle

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

115, 181, 132

98, 154, 191

175, 166, 231

229, 150, 188

Sweetspot

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

115, 181, 132

209, 235, 216

181, 138, 115

102, 117, 106

245, 245, 245

117, 117, 117

Same Dimension

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

115, 181, 132

131, 235, 158

115, 181, 164

80, 89, 82

0, 153, 39

0, 26, 7

Inverse Universe

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

132, 115, 181

158, 131, 235

165, 115, 181

83, 80, 89

39, 0, 153

7, 0, 26

Previews

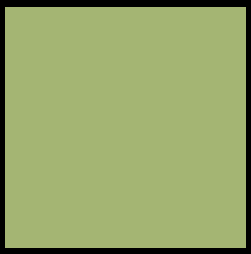
White Background

This preview shows how the RYB color 115, 181, 132 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



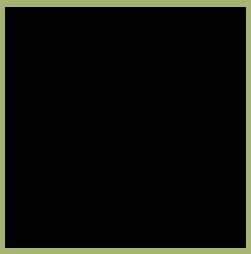
This preview shows how the RYB color 115, 181, 132 looks on a black background.

Color Contrast Check

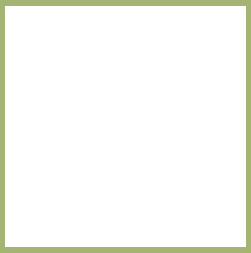
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 115, 181, 132 Background



This preview shows how black text looks on a background with the RYB color 115, 181, 132.



This preview shows how white text looks on a background with the RYB color 115, 181, 132.

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, 181, 132

Protanopia
132, 189, 112

Deuteranopia
194, 207, 118

Tritanopia
173, 172, 186

Trichromacy

Original Color
115, 181, 132

Protanomaly
117, 180, 113

Deuteranomaly
144, 191, 117

Tritanomaly
160, 175, 165

Monochromacy

Original Color
115, 181, 132

Achromatopsia
168, 168, 168

Achromatomaly
149, 173, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 181, 132 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(164, 181, 115) looks like.

```
.text, #text, p{
    color:rgb(164, 181, 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(164, 181, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 181, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 181, 132 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(164, 181, 115) }
```

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

```
.border{ border-color:rgb(164, 181, 115) }
```

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

Here you see how a box with a 4 pixel rgb(164, 181, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 181, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 181, 115); box-shadow:4px 4px 4px 4px rgb(164, 181, 115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 181, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 181, 115) }
```

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

```
.background{ background-color:rgb(164,
181, 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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