

Converting Colors

`RYB(113, 184, 102)`

Have a look what the booklet for
RYB(113, 184, 102) contains.

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Color

R_YB(113, 184, 102)

Conversions

Conversions Part 1

Format	Color
Hex	B8AE66
RGB	184, 174, 102
RGB Percent	72%, 68%, 40%
CMY	0.2784, 0.3165, 0.6000
CMYK	0.00, 0.05, 0.45, 0.28
HSL	53°, 37%, 56%
HSV	53°, 45%, 72%
XYZ	37.3597, 41.5382, 18.6190
YIQ	168.7820, 29.0720, -20.2720

Conversions

Conversions Part 2

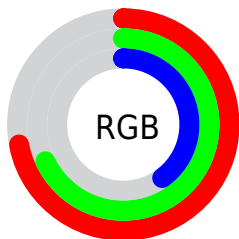
Format	Color
RYB	113, 184, 102
Decimal	12103270
CIELab	70.55, -6.80, 38.22
CIELCh	71, 38.818, 100.096
Yxy	41.5382, 0.3831, 0.4260
Android (android.graphics.Color)	4290293350 (0xFFB8AE66)
YUV	168.7820, -32.9235, 13.3462
Hunter-Lab	64.4502, -9.3170, 27.9868

Details

The RYB color **113, 184, 102** is a light color, and the websafe version is hex **999966**. A complement of this color would be **102, 111, 184**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **168, 241, 154**, and **61, 129, 53** is the 20% darker color. If you saturate the color by 10%, you get **98, 184, 84**, and if you desaturate by 10%, it is **129, 184, 120**.

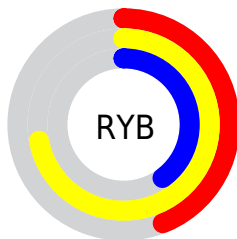
Distribution



Red (72%)

Green (68%)

Blue (40%)



Red (44%)

Yellow (72%)

Blue (40%)

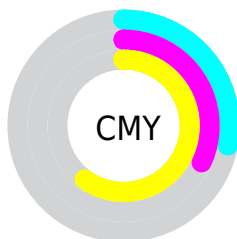


Cyan (0%)

Magenta (5%)

Yellow (45%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 184, 102 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 113, 184, 102 by changing the saturation by 10% instead.

 113, 184, 102


255, 255, 255


 167, 241, 154


 181, 255, 181

 209, 255, 209

 238, 255, 238

 113, 184, 102

 86, 156, 77

 61, 129, 53

 36, 103, 29

 5, 77, 2

 3, 54, 0

 0, 30, 1

 0, 4, 4

 0, 0, 0

 113, 184, 102

 113, 184, 102

■ 98, 184, 84

■ 129, 184, 120

■ 81, 184, 65

■ 145, 184, 139

■ 65, 184, 47

■ 160, 184, 157

■ 48, 184, 28

■ 177, 184, 176

■ 34, 184, 10

■ 184, 185, 194

■ 25, 184, 0

■ 184, 187, 212

■ 184, 189, 231

■ 184, 191, 249

■ 184, 193, 255

Harmonies

Analogous

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



214, 216, 107



113, 184, 102



117, 184, 156

Triad

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



113, 184, 102



1, 102, 217



226, 148, 197

Complementary

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



113, 184, 102



102, 111, 184

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.



192, 159, 227



113, 184, 102



77, 141, 238

Square

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



113, 184, 102



47, 121, 191



141, 165, 242



241, 145, 162

Rectangle

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



113, 184, 102



117, 173, 188



141, 165, 242



217, 151, 208

Sweetspot

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



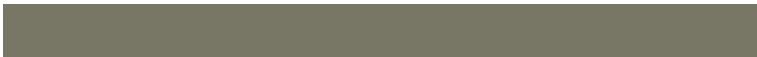
113, 184, 102



214, 240, 209



184, 102, 113



103, 120, 101



247, 247, 247



120, 120, 120

Same Dimension

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



113, 184, 102



130, 240, 113



102, 184, 132



84, 92, 83



22, 156, 0



3, 28, 0

Inverse Universe

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



102, 111, 184



113, 126, 240



132, 102, 184



83, 84, 92



0, 16, 156



0, 3, 28

Previews

White Background



This preview shows how the RYB color 113, 184, 102 looks on a white background.

Color Contrast Check

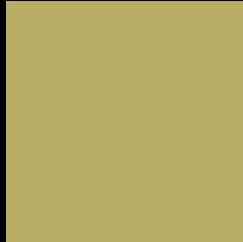
Large Text (above 18pt) WCAG AA × Fail

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 113, 184, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

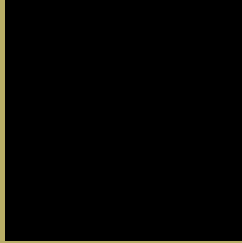
Any Text WCAG AA ✓ Pass

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 113, 184, 102 Background



This preview shows how black text looks on a background with the RYB color 113, 184, 102.



This preview shows how white text looks on a background with the RYB color 113, 184, 102.

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
113, 184, 102

Protanopia
121, 189, 101

Deuteranopia
180, 209, 104



Tritanopia

192, 165, 178

Trichromacy



Original Color
113, 184, 102

Protanomaly
118, 187, 101

Deuteranomaly
151, 200, 103

Tritanomaly
189, 183, 150

Monochromacy



Original Color
113, 184, 102

Achromatopsia
169, 169, 169

Achromatomaly
148, 174, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 184, 102 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(113, 184, 102) looks like.

```
.text, #text, p{  
    color:rgb(113, 184, 102)  
}
```

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(184, 174, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 102) }
```

Border

The CSS property to change the border of an element to RYB 113, 184, 102 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(184, 174, 102) }
```

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

```
.border{ border-color:rgb(184, 174, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 102);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
102) }
```

Background

The CSS property to change the background color of an element to RYB 113, 184, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 102) }
```

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

```
.background{ background-color: rgb(184,  
174, 102) }
```

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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