

Converting Colors

`RYB(107, 176, 123)`

Have a look what the booklet for
RYB(107, 176, 123) contains.

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Color

R_YB(107, 176, 123)

Conversions

Conversions Part 1

Format	Color
Hex	A0B06B
RGB	160, 176, 107
RGB Percent	63%, 69%, 42%
CMY	0.3725, 0.3098, 0.5804
CMYK	0.09, 0.00, 0.39, 0.31
HSL	74°, 30%, 55%
HSV	74°, 39%, 69%
XYZ	32.6764, 39.5858, 19.8285
YIQ	163.3500, 12.6130, -24.8510

Conversions

Conversions Part 2

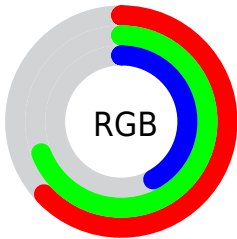
Format	Color
RYB	107, 176, 123
Decimal	10530923
CIELab	69.17, -16.86, 33.49
CIElCh	69, 37.491, 116.721
Yxy	39.5858, 0.3548, 0.4299
Android (android.graphics.Color)	4288721003 (0xFFA0B06B)
YUV	163.3500, -27.7805, -2.9379
Hunter-Lab	62.9172, -17.4003, 25.3567

Details

The RYB color **107, 176, 123** is a light color, and the websafe version is hex **999966**. A complement of this color would be **123, 107, 176**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **159, 232, 175**, and **58, 123, 74** is the 20% darker color. If you saturate the color by 10%, you get **89, 176, 109**, and if you desaturate by 10%, it is **125, 176, 137**.

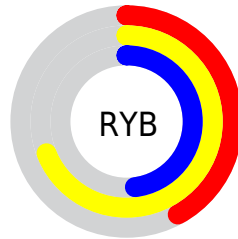
Distribution



Red (63%)

Green (69%)

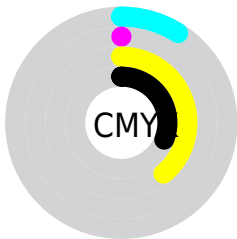
Blue (42%)



Red (42%)

Yellow (69%)

Blue (48%)

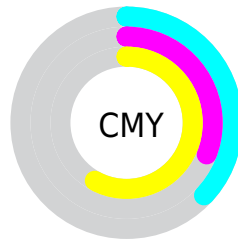


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (31%)



Cyan (37%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 176, 123 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 107, 176, 123 by changing the saturation by 10% instead.

 107, 176, 123

255, 255, 255


 159, 232, 175

 187, 255, 198

 215, 255, 215

 243, 255, 243

 107, 176, 123


 82, 149, 98

 58, 123, 74


 34, 99, 51


 10, 75, 27


 0, 52, 16

 0, 31, 24

 0, 0, 0

 107, 176, 123

 89, 176, 109

 107, 176, 123

 125, 176, 137

■ 72, 176, 96

■ 142, 176, 150

■ 54, 176, 82

■ 160, 176, 164

■ 37, 176, 69

■ 176, 176, 177

■ 19, 176, 55

■ 180, 176, 195

■ 1, 176, 41

■ 184, 176, 213

■ 0, 176, 41

■ 189, 176, 230

■ 193, 176, 248

■ 197, 176, 255

Harmonies

Analogous

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



143, 195, 101



107, 176, 123



120, 174, 183

Triad

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



107, 176, 123



51, 126, 225



231, 143, 174

Complementary

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



107, 176, 123



123, 107, 176

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.



208, 150, 207



107, 176, 123



113, 153, 236

Square

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



107, 176, 123



24, 108, 198



167, 161, 229



234, 145, 140

Rectangle

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



107, 176, 123



90, 148, 186



167, 161, 229



225, 144, 185

Sweetspot

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



107, 176, 123



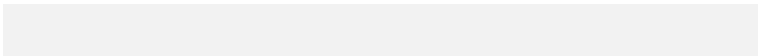
202, 230, 209



176, 126, 107



99, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



107, 176, 123



122, 230, 148



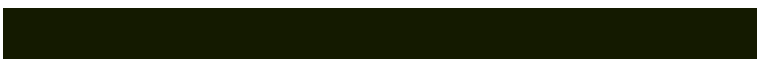
107, 176, 156



80, 89, 82



0, 153, 35



0, 26, 6

Inverse Universe

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



123, 107, 176



147, 122, 230



156, 107, 176



82, 80, 89



35, 0, 153



6, 0, 26

Previews

White Background



This preview shows how the RYB color 107, 176, 123 looks on a white background.

Color Contrast Check

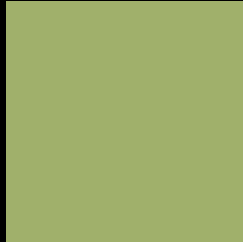
Large Text (above 18pt) WCAG AA × Fail

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 107, 176, 123 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 107, 176, 123 Background



This preview shows how black text looks on a background with the RYB color 107, 176, 123.

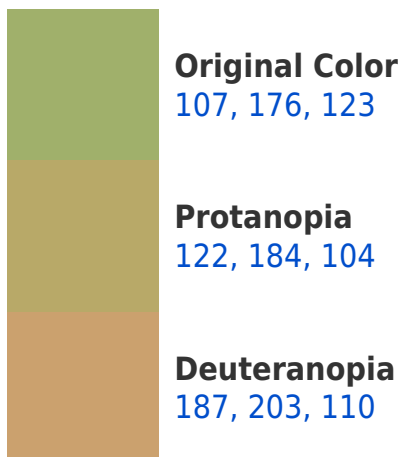



This preview shows how white text looks on a background with the RYB color 107, 176, 123.

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
169, 167, 180

Trichromacy



Original Color
107, 176, 123

Protanomaly
108, 175, 105

Deuteranomaly
138, 187, 109

Tritanomaly
153, 170, 157

Monochromacy



Original Color
107, 176, 123

Achromatopsia
163, 163, 163

Achromatomaly
143, 168, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 176, 123 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(160, 176, 107) looks like.

```
.text, #text, p{  
    color:rgb(160, 176, 107)  
}
```

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(160, 176, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 176, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 176, 123 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(160, 176, 107) }
```

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

```
.border{ border-color:rgb(160, 176, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 176, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 176, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 176, 107);  
box-shadow:4px 4px 4px 4px rgb(160, 176,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 176, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 176, 107) }
```

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

```
.background{ background-color: rgb(160,  
176, 107) }
```

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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