

Converting Colors

`RYB(124, 176, 137)`

Have a look what the booklet for
RYB(124, 176, 137) contains.

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Color

R_YB(124, 176, 137)

Conversions

Conversions Part 1

Format	Color
Hex	A3B07C
RGB	163, 176, 124
RGB Percent	64%, 69%, 49%
CMY	0.3608, 0.3098, 0.5137
CMYK	0.07, 0.00, 0.30, 0.31
HSL	75°, 25%, 59%
HSV	75°, 30%, 69%
XYZ	34.2677, 40.2924, 25.0399
YIQ	166.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

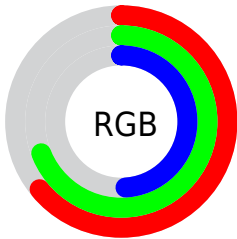
Format	Color
RYB	124, 176, 137
Decimal	10727548
CIELab	69.68, -13.43, 25.19
CIELCh	70, 28.545, 118.074
Yxy	40.2924, 0.3441, 0.4045
Android (android.graphics.Color)	4288917628 (0xFFA3B07C)
YUV	166.1850, -20.7972, -2.7932
Hunter-Lab	63.4763, -14.7204, 21.0449

Details

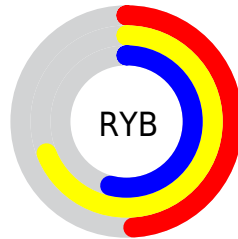
The RYB color **124, 176, 137** is a light color, and the websafe version is hex **999966**. A complement of this color would be **137, 124, 176**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **177, 232, 191**, and **75, 124, 88** is the 20% darker color. If you saturate the color by 10%, you get **106, 176, 123**, and if you desaturate by 10%, it is **142, 176, 151**.

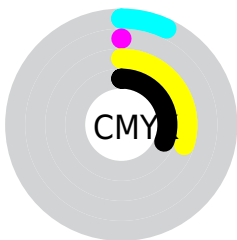
Distribution



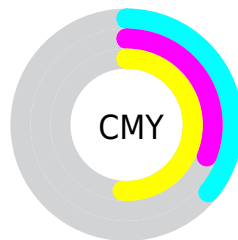
- Red (64%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (54%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 176, 137 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 124, 176, 137 by changing the saturation by 10% instead.


 124, 176, 137


255, 255, 255

 177, 232, 191


 205, 255, 213

 233, 255, 233

 124, 176, 137


 99, 149, 112

 75, 124, 88


 51, 99, 64

 29, 75, 42


 6, 52, 19


 0, 31, 14

 0, 0, 0

 124, 176, 137

 106, 176, 123

 124, 176, 137

 142, 176, 151

■ 89, 176, 111

■ 159, 176, 163

■ 71, 176, 97

■ 176, 176, 177

■ 54, 176, 85

■ 181, 176, 194

■ 36, 176, 71

■ 185, 176, 212

■ 18, 176, 57

■ 189, 176, 230

■ 1, 176, 45

■ 194, 176, 247

■ 0, 176, 44

■ 198, 176, 255

■ 203, 176, 255

Harmonies

Analogous

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



151, 190, 119



124, 176, 137



133, 174, 182

Triad

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



124, 176, 137



101, 147, 213



219, 151, 173

Complementary

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



124, 176, 137



137, 124, 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.



202, 156, 198



124, 176, 137



135, 161, 221

Square

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



124, 176, 137



89, 139, 194



172, 164, 216



222, 154, 147

Rectangle

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



124, 176, 137



114, 157, 184



172, 164, 216



215, 152, 182

Sweetspot

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



124, 176, 137



209, 230, 215



176, 141, 124



102, 115, 105



242, 242, 242



115, 115, 115

Same Dimension

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



124, 176, 137



149, 230, 170



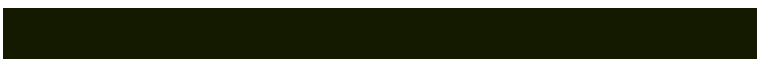
124, 176, 163



80, 89, 82



0, 153, 38



0, 26, 7

Inverse Universe

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



137, 124, 176



169, 149, 230



163, 124, 176



83, 80, 89



38, 0, 153



6, 0, 26

Previews

White Background



This preview shows how the RYB color 124, 176, 137 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 124, 176, 137 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

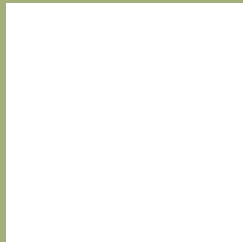
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 124, 176, 137 Background



This preview shows how black text looks on a background with the RYB color 124, 176, 137.



This preview shows how white text looks on a background with the RYB color 124, 176, 137.

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
124, 176, 137

Protanopia
137, 183, 121

Deuteranopia
201, 197, 127



Tritanopia
171, 169, 182

Trichromacy



Original Color
124, 176, 137

Protanomaly
126, 176, 122

Deuteranomaly
154, 187, 126

Tritanomaly
161, 172, 165

Monochromacy



Original Color
124, 176, 137

Achromatopsia
166, 166, 166

Achromatomaly
151, 170, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 176, 137 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(163, 176, 124)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 124)  
}
```

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(163, 176, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 176, 137 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(163, 176, 124) }
```

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

```
.border{ border-color:rgb(163, 176, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 124);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 176, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 124) }
```

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

```
.background{ background-color: rgb(163,  
176, 124) }
```

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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