

Converting Colors

`RYB(124, 194, 147)`

Have a look what the booklet for
RYB(124, 194, 147) contains.

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Color

R_YB(124, 194, 147)

Conversions

Conversions Part 1

Format	Color
Hex	ABC27C
RGB	171, 194, 124
RGB Percent	67%, 76%, 49%
CMY	0.3294, 0.2392, 0.5137
CMYK	0.12, 0.00, 0.36, 0.24
HSL	80°, 36%, 62%
HSV	80°, 36%, 76%
XYZ	39.7245, 48.6967, 26.3745
YIQ	179.1430, 8.7620, -26.6460

Conversions

Conversions Part 2

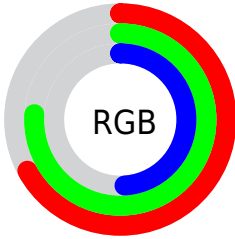
Format	Color
RYB	124, 194, 147
Decimal	11256444
CIELab	75.26, -19.54, 32.68
CIELCh	75, 38.073, 120.879
Yxy	48.6967, 0.3460, 0.4242
Android (android.graphics.Color)	4289446524 (0xFFABC27C)
YUV	179.1430, -27.1855, -7.1414
Hunter-Lab	69.7830, -20.5080, 26.4395

Details

The RYB color **124, 194, 147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **147, 124, 194**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **177, 251, 201**, and **74, 140, 96** is the 20% darker color. If you saturate the color by 10%, you get **105, 194, 134**, and if you desaturate by 10%, it is **143, 194, 160**.

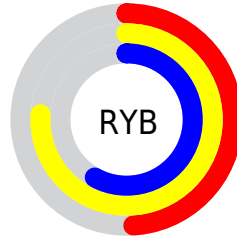
Distribution



Red (67%)

Green (76%)

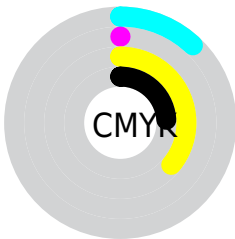
Blue (49%)



Red (49%)

Yellow (76%)

Blue (58%)

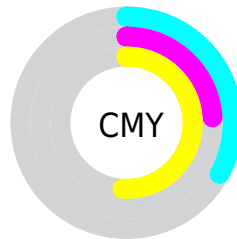


Cyan (12%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (33%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 194, 147 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, 194, 147 by changing the saturation by 10% instead.


 124, 194, 147


255, 255, 255


 177, 251, 201

 205, 255, 205

 233, 255, 233

 124, 194, 147

 99, 167, 122

 74, 140, 96

 50, 115, 73


 27, 90, 50

 2, 67, 25

 0, 44, 23

 0, 26, 26


 0, 0, 0


 124, 194, 147


 124, 194, 147


 105, 194, 134

 143, 194, 160

 85, 194, 121

 163, 194, 173


 66, 194, 108


 182, 194, 186

 46, 194, 94


 196, 194, 202


 27, 194, 82


 203, 194, 221

 8, 194, 69

 209, 194, 240

 0, 194, 64

 216, 194, 255

 222, 194, 255

 228, 194, 255

Harmonies

Analogous

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



147, 208, 115



124, 194, 147



129, 185, 201

Triad

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



124, 194, 147



80, 149, 246



251, 158, 186

Complementary

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



124, 194, 147



147, 124, 194

Split Complementary

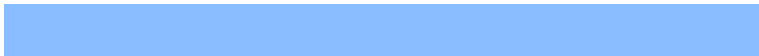
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 164, 220



124, 194, 147



137, 173, 255

Square

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



124, 194, 147



50, 131, 220



191, 176, 246



253, 162, 151

Rectangle

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



124, 194, 147



99, 161, 204



191, 176, 246



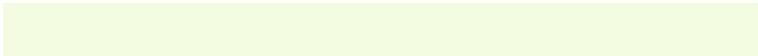
247, 159, 198

Sweetspot

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



124, 194, 147



225, 252, 234



194, 156, 124



111, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



124, 194, 147



144, 252, 179



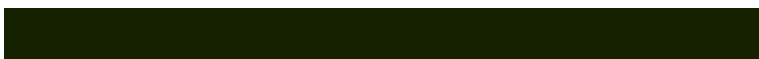
124, 194, 181



87, 97, 90



0, 161, 53



0, 33, 11

Inverse Universe

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



147, 124, 194



180, 144, 252



181, 124, 194



90, 87, 97



53, 0, 161



11, 0, 33

Previews

White Background



This preview shows how the RYB color 124, 194, 147 looks on a white background.

Color Contrast Check

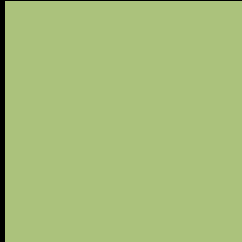
Large Text (above 18pt) WCAG AA × Fail

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, 194, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

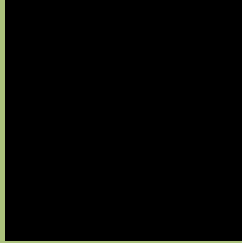
Any Text WCAG AA ✓ Pass

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, 194, 147 Background



This preview shows how black text looks on a background with the RYB color 124, 194, 147.



This preview shows how white text looks on a background with the RYB color 124, 194, 147.

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](#).

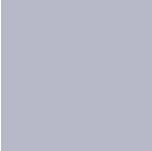
Dichromacy



Original Color
124, 194, 147

Protanopia
140, 201, 120

Deuteranopia
212, 221, 128



Tritanopia

181, 184, 199

Trichromacy



Original Color

124, 194, 147

Protanomaly

123, 190, 121

Deuteranomaly

154, 203, 127

Tritanomaly

172, 188, 183

Monochromacy



Original Color

124, 194, 147

Achromatopsia

179, 179, 179

Achromatomaly

159, 184, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 194, 147 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(171, 194, 124)` looks like.

```
.text, #text, p{  
    color:rgb(171, 194, 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(171, 194, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 194, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 194, 147 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(171, 194, 124) }
```

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

```
.border{ border-color:rgb(171, 194, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 194, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 194, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 194, 124);  
box-shadow:4px 4px 4px 4px rgb(171, 194,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 171, 194, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 194, 124) }
```

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

```
.background{ background-color: rgb(171,  
194, 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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