

Converting Colors

`RYB(124, 228, 171)`

Have a look what the booklet for
RYB(124, 228, 171) contains.

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Color

R_YB(124, 228, 171)

Conversions

Conversions Part 1

Format	Color
Hex	B5E47C
RGB	181, 228, 124
RGB Percent	71%, 89%, 49%
CMY	0.2902, 0.1059, 0.5137
CMYK	0.21, 0.00, 0.46, 0.11
HSL	87°, 66%, 69%
HSV	87°, 46%, 89%
XYZ	50.4375, 66.7658, 29.2975
YIQ	202.0910, 5.3720, -42.3080

Conversions

Conversions Part 2

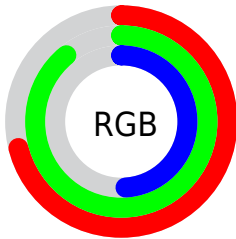
Format	Color
RYB	124, 228, 171
Decimal	11920508
CIELab	85.39, -32.21, 45.68
CIElCh	85, 55.895, 125.182
Yxy	66.7658, 0.3443, 0.4557
Android (android.graphics.Color)	4290110588 (0xFFB5E47C)
YUV	202.0910, -38.4989, -18.4968
Hunter-Lab	81.7103, -32.8100, 35.9386

Details

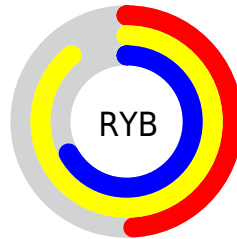
The RYB color **124, 228, 171** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **171, 124, 228**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **178, 255, 195**, and **72, 172, 118** is the 20% darker color. If you saturate the color by 10%, you get **101, 228, 158**, and if you desaturate by 10%, it is **147, 228, 184**.

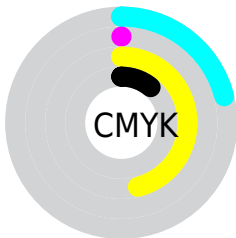
Distribution



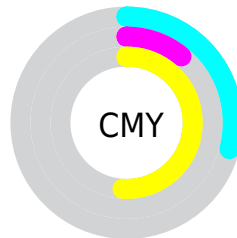
- Red (71%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 228, 171 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, 228, 171 by changing the saturation by 10% instead.

 124, 228, 171

255, 255, 255


 178, 255, 195


 206, 255, 206


 235, 255, 235


 124, 228, 171

 98, 200, 145

 72, 172, 118

 47, 146, 94

 19, 120, 66

 0, 95, 48

 0, 71, 51

 0, 48, 48

 0, 27, 27

 0, 0, 0

■ 124, 228, 171

■ 124, 228, 171

■ 101, 228, 158

■ 147, 228, 184

■ 78, 228, 146

■ 170, 228, 196

■ 56, 228, 134

■ 192, 228, 208

■ 33, 228, 121

■ 215, 228, 221

■ 10, 228, 109

■ 233, 228, 238

■ 0, 228, 103

■ 243, 228, 255

■ 253, 228, 255

■ 255, 228, 255

Harmonies

Analogous

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



134, 237, 105



124, 228, 171



111, 198, 237

Triad

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



124, 228, 171



0, 121, 255



255, 169, 206

Complementary

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



124, 228, 171



171, 124, 228

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.



255, 177, 255



124, 228, 171



142, 187, 255

Square

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



124, 228, 171



0, 123, 255



230, 196, 255



255, 183, 155

Rectangle

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



124, 228, 171



17, 139, 240



230, 196, 255



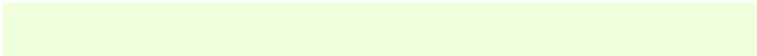
255, 170, 224

Sweetspot

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



124, 228, 171



219, 255, 235



228, 210, 124



106, 128, 116



0, 0, 0



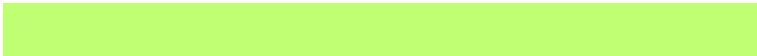
128, 128, 128

Same Dimension

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



124, 228, 171



115, 255, 178



124, 228, 223



103, 115, 108



0, 179, 81



0, 51, 23

Inverse Universe

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



171, 124, 228



178, 115, 255



223, 124, 228



108, 103, 115



81, 0, 179



23, 0, 51

Previews

White Background



This preview shows how the RYB color 124, 228, 171 looks on a white background.

Color Contrast Check

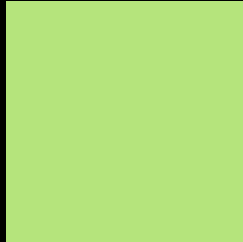
Large Text (above 18pt) WCAG AA × Fail

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, 228, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

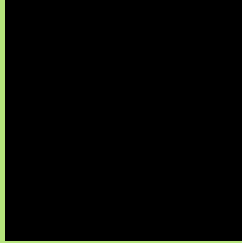
Any Text WCAG AA ✓ Pass

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, 228, 171 Background



This preview shows how black text looks on a background with the RYB color 124, 228, 171.



This preview shows how white text looks on a background with the RYB color 124, 228, 171.

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, 228, 171

Protanopia
145, 234, 119

Deuteranopia
227, 255, 137



Tritanopia
196, 209, 233

Trichromacy



Original Color
124, 228, 171



Protanomaly
121, 218, 124



Deuteranomaly
150, 228, 132

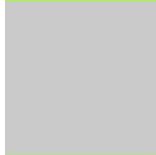


Tritanomaly
191, 218, 220

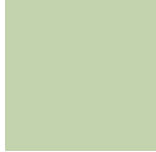
Monochromacy



Original Color
124, 228, 171



Achromatopsia
202, 202, 202



Achromatomaly
174, 211, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 228, 171 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(181, 228, 124)` looks like.

```
.text, #text, p{  
    color:rgb(181, 228, 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(181, 228, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 228, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 228, 171 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(181, 228, 124) }
```

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

```
.border{ border-color:rgb(181, 228, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 228, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 228, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 228, 124); box-shadow:4px 4px 4px 4px rgb(181, 228, 124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 228, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 228, 124) }
```

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

```
.background{ background-color: rgb(181,  
228, 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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