

Converting Colors

`RYB(128, 179, 129)`

Have a look what the booklet for
RYB(128, 179, 129) contains.

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Color

R_YB(128, 179, 129)

Conversions

Conversions Part 1

Format	Color
Hex	B2B380
RGB	178, 179, 128
RGB Percent	70%, 70%, 50%
CMY	0.3020, 0.2980, 0.4980
CMYK	0.01, 0.00, 0.28, 0.30
HSL	61°, 25%, 60%
HSV	61°, 28%, 70%
XYZ	38.3765, 43.2637, 26.7501
YIQ	172.8870, 15.7750, -16.0730

Conversions

Conversions Part 2

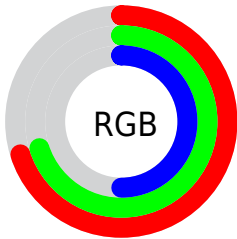
Format	Color
RYB	128, 179, 129
Decimal	11711360
CIELab	71.73, -8.61, 26.00
CIELCh	72, 27.390, 108.315
Yxy	43.2637, 0.3541, 0.3991
Android (android.graphics.Color)	4289901440 (0xFFB2B380)
YUV	172.8870, -22.1293, 4.4841
Hunter-Lab	65.7751, -10.9607, 21.9299

Details

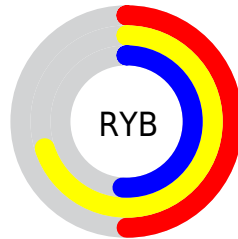
The RYB color **128, 179, 129** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **129, 128, 179**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **181, 235, 182**, and **78, 126, 79** is the 20% darker color. If you saturate the color by 10%, you get **110, 179, 111**, and if you desaturate by 10%, it is **146, 179, 147**.

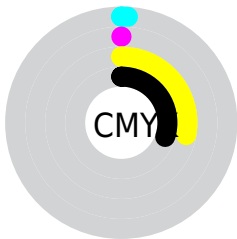
Distribution



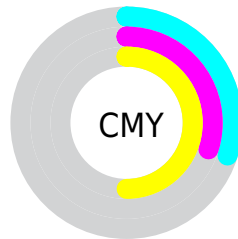
- Red (70%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (30%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 179, 129 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 128, 179, 129 by changing the saturation by 10% instead.

 128, 179, 129

255, 255, 255


 181, 235, 182

 209, 255, 209

 237, 255, 237

 128, 179, 129

 103, 152, 104

 78, 126, 79

 55, 101, 57

 32, 78, 35

 10, 55, 14

 0, 33, 3

 0, 12, 12

 0, 0, 0

 128, 179, 129

 128, 179, 129

■ 110, 179, 111

■ 146, 179, 147

■ 92, 179, 94

■ 164, 179, 164

■ 74, 179, 76

■ 179, 179, 182

■ 56, 179, 58

■ 179, 179, 200

■ 39, 179, 42

■ 180, 179, 218

■ 21, 179, 24

■ 180, 179, 235

■ 3, 179, 6

■ 180, 179, 253

■ 0, 179, 4

■ 181, 179, 255

Harmonies

Analogous

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



182, 203, 127



128, 179, 129



142, 185, 177

Triad

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



128, 179, 129



105, 151, 212



219, 158, 187

Complementary

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



128, 179, 129



129, 128, 179

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.



198, 164, 209



128, 179, 129



131, 164, 224

Square

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



128, 179, 129



102, 146, 191



166, 172, 223



227, 158, 161

Rectangle

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



128, 179, 129



131, 170, 188



166, 172, 223



214, 160, 195

Sweetspot

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



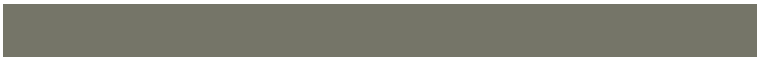
128, 179, 129



211, 232, 211



179, 129, 128



104, 117, 104



245, 245, 245



117, 117, 117

Same Dimension

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



128, 179, 129



153, 232, 154



128, 179, 154



80, 89, 80



0, 153, 3



0, 26, 1

Inverse Universe

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



129, 128, 179



155, 153, 232



154, 128, 179



81, 80, 89



3, 0, 153



0, 0, 26

Previews

White Background



This preview shows how the RYB color 128, 179, 129 looks on a white background.

Color Contrast Check

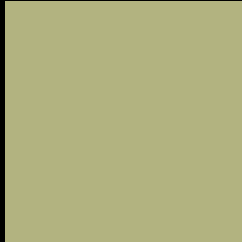
Large Text (above 18pt) WCAG AA × Fail

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 128, 179, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

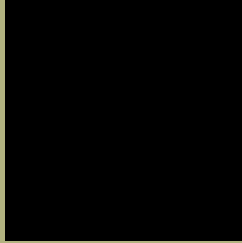
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

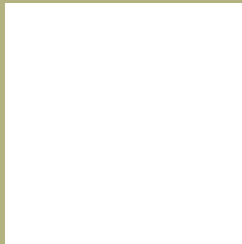
Any Text WCAG AAA ✓ Pass

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

R Y B 128, 179, 129 Background



This preview shows how black text looks on a background with the RYB color 128, 179, 129.



This preview shows how white text looks on a background with the RYB color 128, 179, 129.

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
128, 179, 129

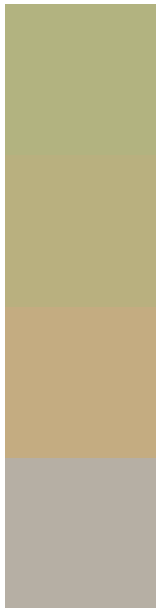
Protanopia
144, 189, 126

Deuteranopia
207, 205, 130



Tritanopia
185, 172, 185

Trichromacy



Original Color
128, 179, 129

Protanomaly
138, 185, 127

Deuteranomaly
166, 196, 129

Tritanomaly
175, 182, 164

Monochromacy



Original Color
128, 179, 129

Achromatopsia
173, 173, 173

Achromatomaly
157, 175, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 179, 129 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(178, 179, 128) looks like.

```
.text, #text, p{  
    color:rgb(178, 179, 128)  
}
```

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(178, 179, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 179, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 179, 129 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(178, 179, 128) }
```

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

```
.border{ border-color:rgb(178, 179, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 179, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 179, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 179, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 179,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 179, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 179, 128) }
```

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

```
.background{ background-color: rgb(178,  
179, 128) }
```

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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