

Converting Colors

`RYB(129, 182, 188)`

Have a look what the booklet for
RYB(129, 182, 188) contains.

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Color

R_YB(129, 182, 188)

Conversions

Conversions Part 1

Format	Color
Hex	81BC88
RGB	129, 188, 136
RGB Percent	51%, 74%, 53%
CMY	0.4941, 0.2627, 0.4679
CMYK	0.31, 0.00, 0.28, 0.26
HSL	127°, 31%, 62%
HSV	127°, 31%, 74%
XYZ	31.4576, 42.4020, 29.6996
YIQ	164.4310, -18.4720, -28.6800

Conversions

Conversions Part 2

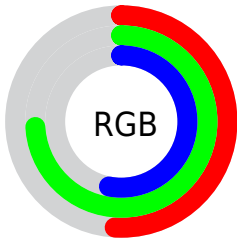
Format	Color
RYB	129, 182, 188
Decimal	8502408
CIELab	71.15, -29.78, 20.55
CIELCh	71, 36.177, 145.391
Yxy	42.4020, 0.3038, 0.4094
Android (android.graphics.Color)	4286692488 (0xFF81BC88)
YUV	164.4310, -14.0165, -31.0730
Hunter-Lab	65.1168, -27.7220, 18.5398

Details

The RYB color **129, 182, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 129, 181**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **183, 239, 245**, and **77, 126, 134** is the 20% darker color. If you saturate the color by 10%, you get **110, 180, 188**, and if you desaturate by 10%, it is **148, 184, 188**.

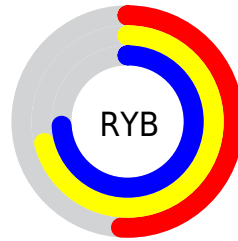
Distribution



Red (51%)

Green (74%)

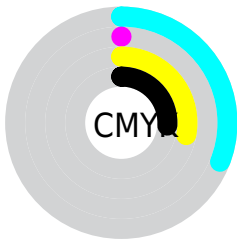
Blue (53%)



Red (51%)

Yellow (71%)

Blue (74%)

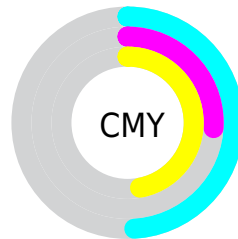


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (26%)



Cyan (49%)

Magenta (26%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 182, 188 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 129, 182, 188 by changing the saturation by 10% instead.

 129, 182, 188


255, 255, 255


 183, 240, 245


 212, 251, 255

 240, 251, 255

 129, 182, 188


 103, 155, 161

 77, 126, 134

 52, 100, 109

 26, 73, 84

 0, 46, 60


 0, 38, 38

 0, 8, 8


 0, 0, 0

 129, 182, 188


 129, 182, 188

 110, 180, 188


 148, 184, 188

 91, 178, 188


 167, 186, 188

 73, 176, 188


 185, 187, 188


 54, 175, 188

 204, 188, 202

 35, 173, 188

 223, 188, 219

 16, 170, 188

 242, 188, 236

 0, 169, 188

 255, 188, 252

 255, 188, 255

Harmonies

Analogous

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



114, 181, 128



129, 182, 188



87, 146, 192

Triad

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



129, 182, 188



119, 159, 239



239, 151, 148

Complementary

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



129, 182, 188



188, 129, 181

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.



234, 149, 181



129, 182, 188



171, 168, 234

Square

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



129, 182, 188



67, 136, 227



211, 156, 212



226, 181, 121

Rectangle

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



129, 182, 188



61, 127, 192



211, 156, 212



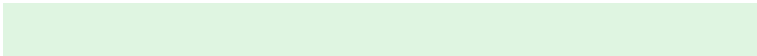
239, 149, 158

Sweetspot

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



129, 182, 188



223, 243, 245



129, 188, 135



109, 121, 122



250, 250, 250



122, 122, 122

Same Dimension

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



129, 182, 188



152, 236, 245



129, 166, 188



85, 93, 94



0, 142, 158



0, 28, 31

Inverse Universe

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



188, 129, 181



245, 152, 234



188, 129, 153



94, 85, 93



158, 0, 140



31, 0, 27

Previews

White Background



This preview shows how the RYB color 129, 182, 188 looks on a white background.

Color Contrast Check

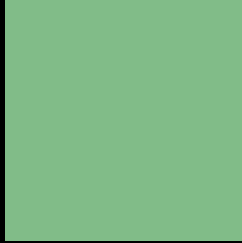
Large Text (above 18pt) WCAG AA × Fail

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 129, 182, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

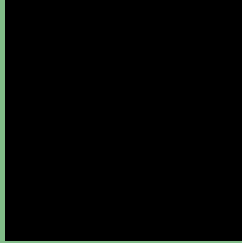
Any Text WCAG AA ✓ Pass

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 129, 182, 188 Background



This preview shows how black text looks on a background with the RYB color 129, 182, 188.

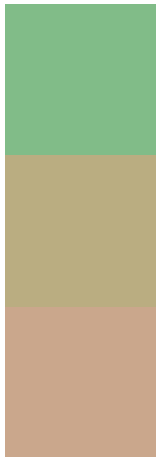


This preview shows how white text looks on a background with the RYB color 129, 182, 188.

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
129, 182, 188

Protanopia
146, 186, 129

Deuteranopia
202, 188, 140



Tritanopia
140, 163, 195

Trichromacy



Original Color
129, 182, 188

Protanomaly
131, 178, 144

Deuteranomaly
138, 175, 138

Tritanomaly
136, 162, 183

Monochromacy



Original Color
129, 182, 188

Achromatopsia
164, 164, 164

Achromatomaly
151, 170, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 182, 188 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(129, 188, 136)` looks like.

```
.text, #text, p{  
    color:rgb(129, 188, 136)  
}
```

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(129, 188, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 188, 136) }
```

Border

The CSS property to change the border of an element to RYB 129, 182, 188 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(129, 188, 136) }
```

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

```
.border{ border-color:rgb(129, 188, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 188, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 188, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 188, 136); box-shadow:4px 4px 4px 4px rgb(129, 188, 136) }
```

Background

The CSS property to change the background color of an element to RYB 129, 182, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 188, 136) }
```

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

```
.background{ background-color: rgb(129,  
188, 136) }
```

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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