

Converting Colors

`RYB(128, 163, 169)`

Have a look what the booklet for
RYB(128, 163, 169) contains.

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Color

`RYB(128, 163, 169)`

Conversions

Conversions Part 1

Format	Color
Hex	80A987
RGB	128, 169, 135
RGB Percent	50%, 66%, 53%
CMY	0.4980, 0.3373, 0.4705
CMYK	0.24, 0.00, 0.20, 0.34
HSL	130°, 19%, 58%
HSV	130°, 24%, 66%
XYZ	27.4652, 34.7152, 28.1854
YIQ	152.8650, -13.5220, -19.2660

Conversions

Conversions Part 2

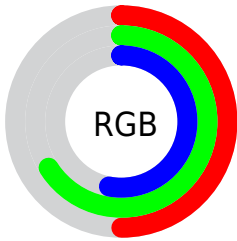
Format	Color
RYB	128, 163, 169
Decimal	8432007
CIELab	65.53, -20.85, 13.10
CIELCh	66, 24.620, 147.854
Yxy	34.7152, 0.3039, 0.3842
Android (android.graphics.Color)	4286622087 (0xFF80A987)
YUV	152.8650, -8.8074, -21.8066
Hunter-Lab	58.9196, -19.9019, 12.8812

Details

The RYB color **128, 163, 169** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **169, 128, 162**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **182, 219, 224**, and **78, 111, 117** is the 20% darker color. If you saturate the color by 10%, you get **111, 160, 169**, and if you desaturate by 10%, it is **145, 166, 169**.

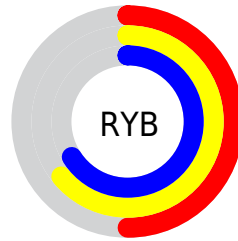
Distribution



Red (50%)

Green (66%)

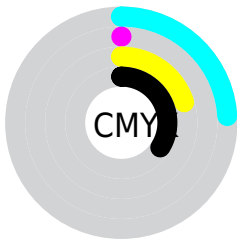
Blue (53%)



Red (50%)

Yellow (64%)

Blue (66%)

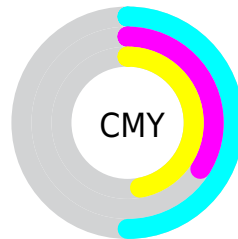


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 163, 169 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, 163, 169 by changing the saturation by 10% instead.

 128, 163, 169

255, 255, 255


 182, 219, 224

 209, 247, 253


 238, 250, 255

 128, 163, 169

 102, 135, 142

 78, 111, 117

 54, 85, 92

 31, 61, 68

 6, 36, 46

 0, 27, 27


 0, 0, 0


 128, 163, 169


 111, 160, 169


 128, 163, 169


 145, 166, 169

 94, 158, 169


 162, 168, 169


 77, 155, 169


 179, 169, 177

 60, 153, 169


 196, 169, 191

 43, 150, 169

 212, 169, 205

 27, 148, 169

 229, 169, 219

 10, 146, 169

 246, 169, 233

 0, 144, 169

 255, 169, 247

 255, 169, 255

Harmonies

Analogous

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



120, 164, 131



128, 163, 169



105, 142, 171

Triad

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



128, 163, 169



130, 152, 203



204, 144, 140

Complementary

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



128, 163, 169



169, 128, 162

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.



201, 143, 162



128, 163, 169



160, 154, 198

Square

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



128, 163, 169



103, 141, 196



186, 147, 183



195, 166, 123

Rectangle

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



128, 163, 169



95, 133, 172



186, 147, 183



204, 143, 147

Sweetspot

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



128, 163, 169



204, 217, 219



128, 169, 135



101, 109, 110



237, 237, 237



110, 110, 110

Same Dimension

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



128, 163, 169



156, 210, 219



128, 153, 169



76, 83, 84



0, 127, 148



0, 17, 20

Inverse Universe

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



169, 128, 162



219, 156, 208



169, 128, 142



84, 76, 83



148, 0, 123



20, 0, 17

Previews

White Background



This preview shows how the RYB color 128, 163, 169 looks on a white background.

Color Contrast Check

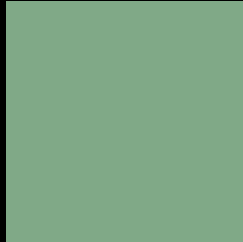
Large Text (above 18pt) WCAG AA × Fail

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, 163, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

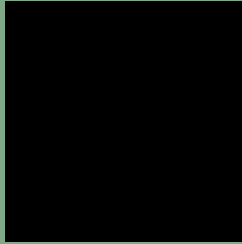
Any Text WCAG AA ✓ Pass

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 128, 163, 169 Background



This preview shows how black text looks on a background with the RYB color 128, 163, 169.

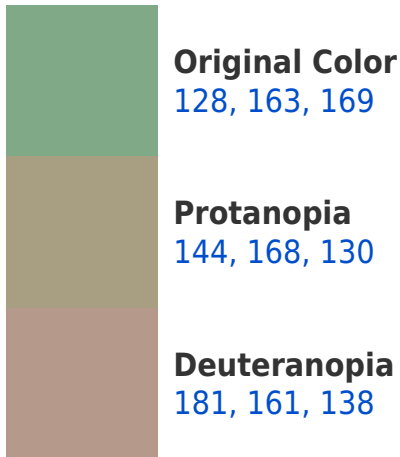



This preview shows how white text looks on a background with the RYB color 128, 163, 169.

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





Tritanopia
135, 152, 176

Trichromacy



Original Color
128, 163, 169

Protanomaly
132, 162, 141

Deuteranomaly
140, 162, 137

Tritanomaly
132, 150, 165

Monochromacy



Original Color
128, 163, 169

Achromatopsia
153, 153, 153

Achromatomaly
144, 157, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 163, 169 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(128, 169, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 169, 135)  
}
```

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(128, 169, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 169, 135) }
```

Border

The CSS property to change the border of an element to RYB 128, 163, 169 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(128, 169, 135) }
```

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

```
.border{ border-color:rgb(128, 169, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 169, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 169,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 128, 163, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 169, 135) }
```

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

```
.background{ background-color: rgb(128,  
169, 135) }
```

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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