

Converting Colors

`RYB(132, 161, 157)`

Have a look what the booklet for
RYB(132, 161, 157) contains.

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Color

R_YB(132, 161, 157)

Conversions

Conversions Part 1

Format	Color
Hex	88A184
RGB	136, 161, 132
RGB Percent	53%, 63%, 52%
CMY	0.4667, 0.3686, 0.4824
CMYK	0.16, 0.00, 0.18, 0.37
HSL	112°, 13%, 57%
HSV	112°, 18%, 63%
XYZ	27.0631, 32.3899, 26.6553
YIQ	150.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

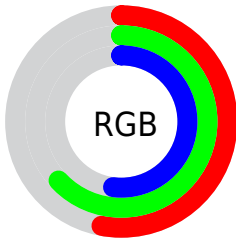
Format	Color
RYB	132, 161, 157
Decimal	8954244
CIELab	63.66, -14.44, 12.24
CIElCh	64, 18.928, 139.717
Yxy	32.3899, 0.3143, 0.3762
Android (android.graphics.Color)	4287144324 (0xFF88A184)
YUV	150.2190, -8.9820, -12.4701
Hunter-Lab	56.9121, -14.7153, 12.0695

Details

The RYB color **132, 161, 157** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **157, 132, 161**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **185, 216, 211**, and **82, 109, 105** is the 20% darker color. If you saturate the color by 10%, you get **116, 161, 155**, and if you desaturate by 10%, it is **148, 161, 159**.

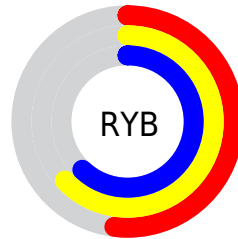
Distribution



Red (53%)

Green (63%)

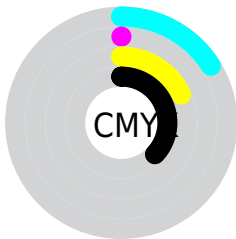
Blue (52%)



Red (52%)

Yellow (63%)

Blue (62%)

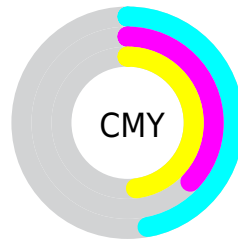


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 161, 157 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 132, 161, 157 by changing the saturation by 10% instead.

■ 132, 161, 157

255, 255, 255

■ 185, 216, 211

■ 213, 244, 240

■ 241, 255, 250

■ 132, 161, 157

■ 107, 135, 132

■ 82, 109, 105

■ 59, 85, 82

■ 37, 62, 59

■ 17, 40, 38

■ 0, 21, 21


■ 0, 0, 0

■ 132, 161, 157


■ 116, 161, 155

■ 132, 161, 157


■ 148, 161, 159

 100, 161, 153


 164, 161, 164

 84, 161, 151


 178, 161, 180

 68, 161, 149


 192, 161, 196

 52, 161, 146

 205, 161, 213

 35, 161, 143

 219, 161, 229

 19, 161, 141

 233, 161, 245

 3, 161, 139

 247, 161, 255

 0, 161, 139

 255, 161, 255

Harmonies

Analogous

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



122, 157, 124



132, 161, 157



119, 146, 164

Triad

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



132, 161, 157



127, 147, 187



189, 143, 144

Complementary

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



132, 161, 157



157, 132, 161

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.



184, 143, 161



132, 161, 157



150, 152, 186

Square

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



132, 161, 157



111, 140, 179



170, 146, 176



185, 153, 129

Rectangle

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



132, 161, 157



110, 138, 164



170, 146, 176



189, 142, 149

Sweetspot

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



132, 161, 157



199, 209, 208



137, 161, 132



98, 105, 104



232, 232, 232



105, 105, 105

Same Dimension

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



132, 161, 157



163, 209, 203



132, 154, 161



73, 82, 80



0, 145, 125



0, 18, 16

Inverse Universe

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



157, 132, 161



203, 163, 209



161, 132, 151



80, 73, 82



125, 0, 145



15, 0, 18

Previews

White Background



This preview shows how the RYB color 132, 161, 157 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 132, 161, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

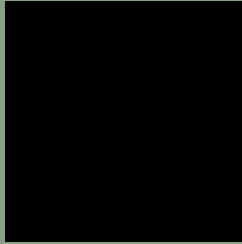
Any Text WCAG AA ✓ Pass

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 132, 161, 157 Background



This preview shows how black text looks on a background with the RYB color 132, 161, 157.



This preview shows how white text looks on a background with the RYB color 132, 161, 157.

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](#).

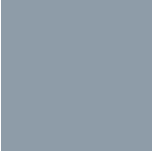
Dichromacy



Original Color
132, 161, 157

Protanopia
138, 162, 128

Deuteranopia
176, 154, 135



Tritanopia
142, 151, 168

Trichromacy



Original Color

132, 161, 157

Protanomaly

129, 157, 133

Deuteranomaly

145, 161, 134

Tritanomaly

140, 150, 158

Monochromacy



Original Color

132, 161, 157

Achromatopsia

150, 150, 150

Achromatomaly

143, 154, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 161, 157 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(136, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(136, 161, 132)  
}
```

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(136, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 161, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 161, 157 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(136, 161, 132) }
```

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

```
.border{ border-color:rgb(136, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 161, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 161, 132);  
box-shadow:4px 4px 4px 4px rgb(136, 161,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 161, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 161, 132) }
```

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

```
.background{ background-color: rgb(136,  
161, 132) }
```

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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