

Converting Colors

`RYB(136, 153, 153)`

Have a look what the booklet for
RYB(136, 153, 153) contains.

RYB(136, 153, 153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(136, 153, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	889988
RGB	136, 153, 136
RGB Percent	53%, 60%, 53%
CMY	0.4667, 0.4000, 0.4667
CMYK	0.11, 0.00, 0.11, 0.40
HSL	120°, 8%, 57%
HSV	120°, 11%, 60%
XYZ	25.9885, 29.7943, 27.6737
YIQ	145.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

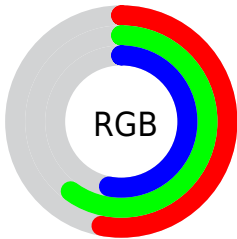
Format	Color
R_{YB}	136, 153, 153
Decimal	8952200
CIE _{Lab}	61.48, -9.42, 6.89
CIE _{LCh}	61, 11.675, 143.814
Yxy	29.7943, 0.3114, 0.3570
Android (android.graphics.Color)	4287142280 (0xFF889988)
YUV	145.9790, -4.9196, -8.7516
Hunter-Lab	54.5841, -10.5351, 8.1494

Details

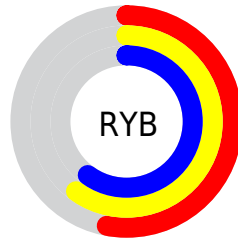
The RYB color **136, 153, 153** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **153, 136, 153**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **189, 207, 207**, and **86, 102, 102** is the 20% darker color. If you saturate the color by 10%, you get **121, 153, 153**, and if you desaturate by 10%, it is **151, 153, 153**.

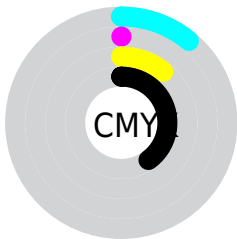
Distribution



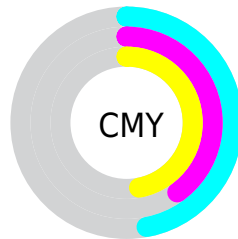
- Red (53%)
- Green (60%)
- Blue (53%)



- Red (53%)
- Yellow (60%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 153, 153 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 136, 153, 153 by changing the saturation by 10% instead.


 136, 153, 153


255, 255, 255


 189, 207, 207

 217, 236, 236


 246, 255, 255

 136, 153, 153


 111, 127, 127

 86, 102, 102

 63, 78, 78


 41, 55, 55

 20, 33, 34


 0, 10, 10

 0, 0, 0


 136, 153, 153


 121, 153, 153


 136, 153, 153


 151, 153, 153

 105, 153, 153


 167, 153, 167


 90, 153, 153


 182, 153, 182

 75, 153, 153


 197, 153, 197


 60, 153, 153


 212, 153, 212

 44, 153, 153

 228, 153, 228

 29, 153, 153

 243, 153, 243

 14, 153, 153

 255, 153, 255

 0, 153, 153

Harmonies

Analogous

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



130, 150, 132



136, 153, 153



126, 142, 154

Triad

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



136, 153, 153



135, 145, 169



171, 142, 141

Complementary

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



136, 153, 153



153, 136, 153

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.



168, 142, 151



136, 153, 153



148, 147, 167

Square

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



136, 153, 153



125, 141, 165



160, 143, 161



167, 150, 132

Rectangle

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



136, 153, 153



123, 140, 155



160, 143, 161



170, 141, 144

Sweetspot

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



136, 153, 153



193, 199, 199



136, 153, 136



95, 99, 99



227, 227, 227



99, 99, 99

Same Dimension

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



136, 153, 153



173, 199, 199



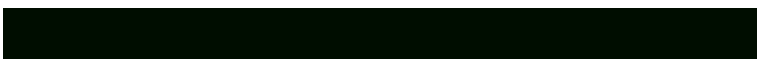
136, 147, 153



69, 77, 77



0, 140, 140



0, 13, 13

Inverse Universe

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



153, 136, 153



199, 173, 199



153, 136, 145



77, 69, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 136, 153, 153 looks on a white background.

Color Contrast Check

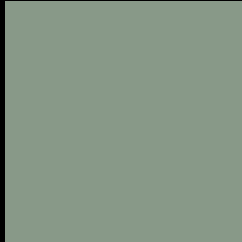
Large Text (above 18pt) WCAG AA ✓ Pass

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 136, 153, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

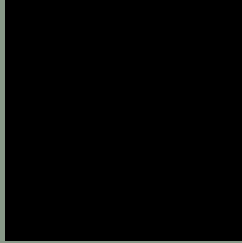
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

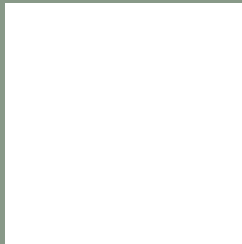
Any Text WCAG AAA × Fail

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

RYB 136, 153, 153 Background



This preview shows how black text looks on a background with the RYB color 136, 153, 153.

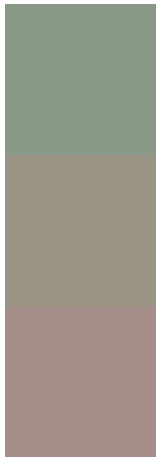


This preview shows how white text looks on a background with the RYB color 136, 153, 153.

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
136, 153, 153

Protanopia
141, 154, 133

Deuteranopia
166, 144, 138



Tritanopia
140, 146, 161

Trichromacy



Original Color

136, 153, 153

Protanomaly

134, 150, 137

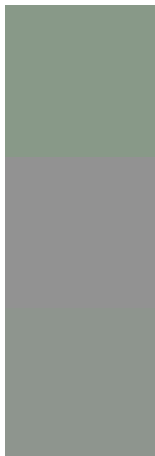
Deuteranomaly

151, 155, 137

Tritanomaly

139, 145, 152

Monochromacy



Original Color

136, 153, 153

Achromatopsia

146, 146, 146

Achromatomaly

142, 149, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 153, 153 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, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 153, 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(136, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 153, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 153, 153 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, 153, 136) }
```

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

```
.border{ border-color:rgb(136, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 153,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 153, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 153, 136) }
```

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

```
.background{ background-color: rgb(136,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor