

# Converting Colors

`RYB(136, 164, 152)`

Have a look what the booklet for  
RYB(136, 164, 152) contains.

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# Color

**R<sub>Y</sub>B(136, 164, 152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A488
RGB	148, 164, 136
RGB Percent	58%, 64%, 53%
CMY	0.4196, 0.3569, 0.4667
CMYK	0.10, 0.00, 0.17, 0.36
HSL	94°, 13%, 59%
HSV	94°, 17%, 64%
XYZ	29.9321, 34.6244, 28.3981
YIQ	156.0240, -0.5480, -12.1000

# Conversions

## Conversions Part 2

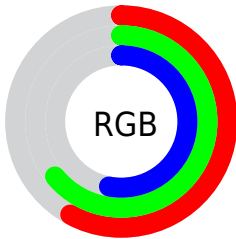
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 164, 152
Decimal	9741448
CIELab	65.46, -10.92, 12.66
CIELCh	65, 16.719, 130.798
Yxy	34.6244, 0.3220, 0.3725
Android (android.graphics.Color)	4287931528 (0xFF94A488)
YUV	156.0240, -9.8718, -7.0370
Hunter-Lab	58.8425, -12.1746, 12.5756

# Details

The RYB color **136, 164, 152** is a light color, and the websafe version is hex **999966**. A complement of this color would be **152, 136, 164**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **189, 219, 206**, and **86, 112, 101** is the 20% darker color. If you saturate the color by 10%, you get **120, 164, 145**, and if you desaturate by 10%, it is **152, 164, 159**.

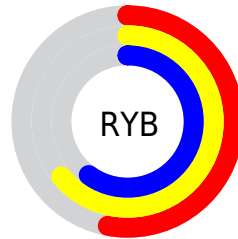
# Distribution



Red (58%)

Green (64%)

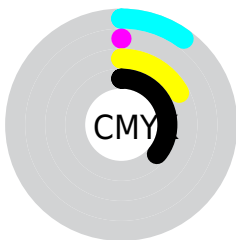
Blue (53%)



Red (53%)

Yellow (64%)

Blue (60%)

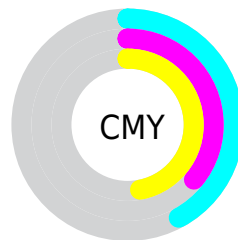


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 136, 164, 152 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, 164, 152 by changing the saturation by 10% instead.



 136, 164, 152


255, 255, 255


 189, 219, 206


 217, 247, 234


 246, 255, 246

 136, 164, 152

 111, 138, 127

 86, 112, 101


 63, 88, 78

 41, 64, 55

 20, 42, 33

 0, 23, 21

 0, 0, 0

 136, 164, 152

 120, 164, 145

 136, 164, 152

 152, 164, 159

■ 103, 164, 138

■ 167, 164, 169

■ 87, 164, 131

■ 176, 164, 185

■ 70, 164, 123

■ 185, 164, 202

■ 54, 164, 117

■ 195, 164, 218

■ 38, 164, 110

■ 204, 164, 234

■ 21, 164, 103

■ 214, 164, 251

■ 5, 164, 96

■ 223, 164, 255

■ 0, 164, 94

■ 232, 164, 255

# Harmonies

## Analogous

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



136, 165, 130



136, 164, 152



132, 156, 167

# Triad

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



136, 164, 152



131, 151, 187



190, 149, 154

# Complementary

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



136, 164, 152



152, 136, 164

# 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.



183, 150, 169



136, 164, 152



149, 156, 188

# Square

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



136, 164, 152



120, 146, 178



168, 153, 182



189, 153, 140

# Rectangle

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



136, 164, 152



124, 149, 168



168, 153, 182



189, 149, 159



# Sweetspot

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



136, 164, 152



203, 214, 209



157, 164, 136



101, 107, 105



235, 235, 235



107, 107, 107



# Same Dimension

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



136, 164, 152



171, 214, 195



136, 162, 164



73, 82, 78



0, 145, 83



0, 18, 10



# Inverse Universe

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



152, 136, 164



196, 171, 214



164, 136, 162



78, 73, 82



83, 0, 145

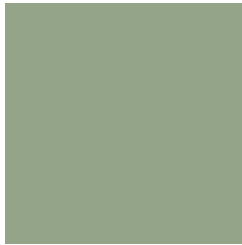


10, 0, 18



# Previews

## White Background



This preview shows how the RYB color 136, 164, 152 looks on a white background.

## Color Contrast Check

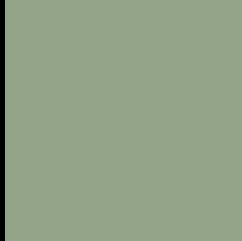
Large Text (above 18pt) WCAG AA × Fail

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 136, 164, 152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

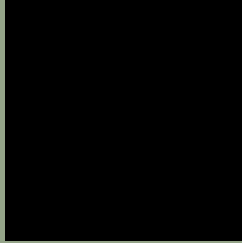
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 136, 164, 152 Background



This preview shows how black text looks on a background with the RYB color 136, 164, 152.



This preview shows how white text looks on a background with the RYB color 136, 164, 152.

# 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, 164, 152

**Protanopia**  
145, 167, 133

**Deuteranopia**  
181, 161, 138



**Tritanopia**  
153, 158, 172

# Trichromacy



**Original Color**  
136, 164, 152

**Protanomaly**  
134, 160, 134

**Deuteranomaly**  
156, 169, 137

**Tritanomaly**  
151, 157, 161

# Monochromacy



**Original Color**  
136, 164, 152

**Achromatopsia**  
156, 156, 156

**Achromatomaly**  
149, 159, 155

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 136, 164, 152 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(148, 164, 136)` looks like.

```
.text, #text, p{  
    color:rgb(148, 164, 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(148, 164, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 164, 136) }
```

## Border

The CSS property to change the border of an element to RYB 136, 164, 152 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(148, 164, 136) }
```

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

```
.border{ border-color:rgb(148, 164, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 164, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 164, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 164, 136);  
box-shadow:4px 4px 4px 4px rgb(148, 164,  
136) }
```

# Background

The CSS property to change the background color of an element to RYB 136, 164, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 164, 136) }
```

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

```
.background{ background-color: rgb(148,  
164, 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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