

Converting Colors

`RYB(154, 178, 168)`

Have a look what the booklet for
RYB(154, 178, 168) contains.

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Color

R_YB(154, 178, 168)

Conversions

Conversions Part 1

Format	Color
Hex	A4B29A
RGB	164, 178, 154
RGB Percent	64%, 70%, 60%
CMY	0.3569, 0.3020, 0.3961
CMYK	0.08, 0.00, 0.13, 0.30
HSL	95°, 13%, 65%
HSV	95°, 13%, 70%
XYZ	37.0630, 42.0664, 36.7380
YIQ	171.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

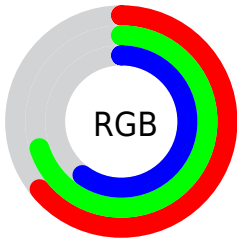
Format	Color
RYB	154, 178, 168
Decimal	10793626
CIELab	70.92, -9.35, 10.62
CIELCh	71, 14.151, 131.362
Yxy	42.0664, 0.3199, 0.3631
Android (android.graphics.Color)	4288983706 (0xFFA4B29A)
YUV	171.0780, -8.4195, -6.2074
Hunter-Lab	64.8586, -11.5001, 11.8172

Details

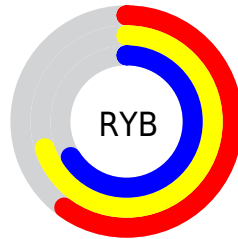
The RYB color **154, 178, 168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 154, 178**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **208, 234, 223**, and **103, 125, 116** is the 20% darker color. If you saturate the color by 10%, you get **136, 178, 160**, and if you desaturate by 10%, it is **172, 178, 176**.

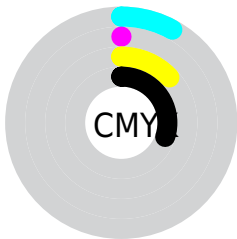
Distribution



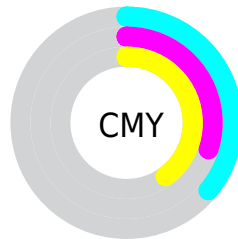
- Red (64%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (70%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (30%)




- Cyan (36%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 178, 168 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 154, 178, 168 by changing the saturation by 10% instead.


 154, 178, 168

255, 255, 255

 208, 234, 223


 237, 255, 244

 154, 178, 168


 128, 151, 141

 103, 125, 116

 79, 100, 91


 56, 76, 68


 34, 54, 46

 13, 32, 23

 0, 6, 6


 0, 0, 0

 154, 178, 168


 154, 178, 168

 136, 178, 160


 172, 178, 176

 118, 178, 153


 185, 178, 190

 101, 178, 146


 195, 178, 207


 83, 178, 139


 206, 178, 225

 65, 178, 131


 216, 178, 243

 47, 178, 123

 226, 178, 255

 29, 178, 116

 237, 178, 255

 12, 178, 109

 247, 178, 255

 0, 178, 104

 255, 178, 255

Harmonies

Analogous

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



154, 179, 148



154, 178, 168



150, 170, 180

Triad

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



154, 178, 168



151, 168, 198



201, 165, 169

Complementary

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



154, 178, 168



168, 154, 178

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.



195, 166, 182



154, 178, 168



166, 172, 199

Square

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



154, 178, 168



141, 163, 190



182, 169, 193



199, 168, 157

Rectangle

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



154, 178, 168



144, 164, 181



182, 169, 193



200, 165, 173

Sweetspot

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



154, 178, 168



223, 232, 228



171, 178, 154



111, 117, 114



245, 245, 245



117, 117, 117

Same Dimension

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



154, 178, 168



195, 232, 217



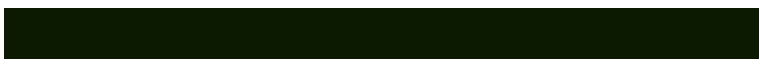
154, 176, 178



80, 89, 85



0, 153, 89



0, 26, 15

Inverse Universe

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



168, 154, 178



217, 195, 232



178, 154, 176



86, 80, 89



89, 0, 153



15, 0, 26

Previews

White Background



This preview shows how the RYB color 154, 178, 168 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 154, 178, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

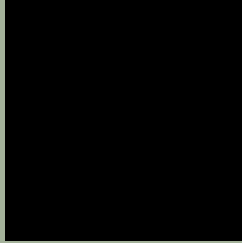
Any Text WCAG AA ✓ Pass

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 154, 178, 168 Background



This preview shows how black text looks on a background with the RYB color 154, 178, 168.



This preview shows how white text looks on a background with the RYB color 154, 178, 168.

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
169, 172, 187

Trichromacy



Original Color
154, 178, 168

Protanomaly
152, 175, 152

Deuteranomaly
179, 184, 155

Tritanomaly
167, 171, 175

Monochromacy



Original Color
154, 178, 168

Achromatopsia
171, 171, 171

Achromatomaly
165, 174, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 178, 168 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(164, 178, 154) looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 154)  
}
```

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(164, 178, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 178, 168 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(164, 178, 154) }
```

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

```
.border{ border-color:rgb(164, 178, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 178, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 154) }
```

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

```
.background{ background-color: rgb(164,  
178, 154) }
```

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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