

Converting Colors

`RYB(148, 153, 172)`

Have a look what the booklet for
RYB(148, 153, 172) contains.

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Color

R_YB(148, 153, 172)

Conversions

Conversions Part 1

Format	Color
Hex	949AAC
RGB	148, 154, 172
RGB Percent	58%, 60%, 67%
CMY	0.4196, 0.3948, 0.3255
CMYK	0.14, 0.10, 0.00, 0.33
HSL	224°, 13%, 63%
HSV	224°, 14%, 67%
XYZ	31.2669, 32.4900, 43.6530
YIQ	154.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

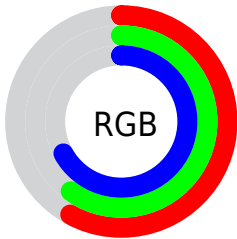
Format	Color
R_{YB}	148, 153, 172
Decimal	9738924
CIE _{Lab}	63.75, 1.43, -9.98
CIE _{LCh}	64, 10.082, 278.135
Yxy	32.4900, 0.2911, 0.3025
Android (android.graphics.Color)	4287929004 (0xFF949AAC)
YUV	154.2580, 8.7468, -5.4883
Hunter-Lab	57.0000, -1.8353, -5.5067

Details

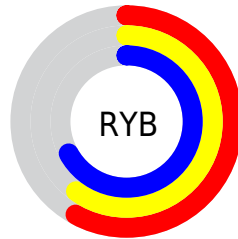
The RYB color **148, 153, 172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156, 172, 148**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **202, 207, 227**, and **97, 102, 120** is the 20% darker color. If you saturate the color by 10%, you get **131, 140, 172**, and if you desaturate by 10%, it is **165, 167, 172**.

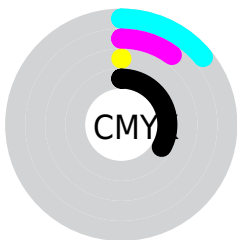
Distribution



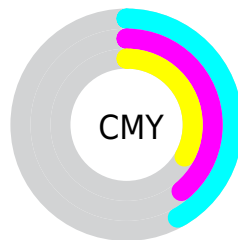
- Red (58%)
- Green (60%)
- Blue (67%)



- Red (58%)
- Yellow (60%)
- Blue (67%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 153, 172 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 148, 153, 172 by changing the saturation by 10% instead.


 148, 153, 172


255, 255, 255


 202, 207, 227


 230, 235, 255

 148, 153, 172


 122, 127, 145

 97, 102, 120

 73, 78, 95

 50, 55, 71


 29, 34, 49

 6, 11, 28

 0, 0, 0

 148, 153, 172

 131, 140, 172

 148, 153, 172

 165, 167, 172

■ 114, 126, 172

■ 175, 182, 172

■ 96, 112, 172

■ 183, 200, 172

■ 79, 99, 172

■ 188, 217, 172

■ 62, 85, 172

■ 194, 234, 172

■ 45, 71, 172

■ 201, 251, 172

■ 28, 58, 172

■ 186, 255, 172

■ 10, 44, 172

■ 172, 255, 172

■ 0, 36, 172

Harmonies

Analogous

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



138, 150, 171



148, 153, 172



159, 151, 169

Triad

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



148, 153, 172



173, 150, 144



139, 153, 159

Complementary

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



148, 153, 172



156, 172, 148

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.



140, 157, 148



148, 153, 172



168, 164, 138

Square

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



148, 153, 172



173, 148, 152



142, 159, 137



133, 147, 160

Rectangle

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



148, 153, 172



166, 150, 164



142, 159, 137



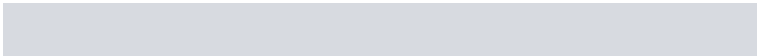
142, 156, 159

Sweetspot

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



148, 153, 172



215, 217, 224



148, 162, 172



107, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



148, 153, 172



186, 194, 224



154, 148, 172



78, 80, 87



0, 32, 150



0, 5, 23

Inverse Universe

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



172, 148, 154



224, 186, 196



148, 172, 154



87, 78, 80



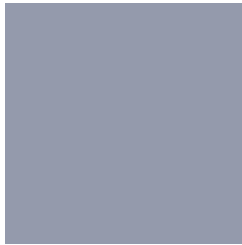
150, 0, 40



23, 0, 6

Previews

White Background



This preview shows how the RYB color 148, 153, 172 looks on a white background.

Color Contrast Check

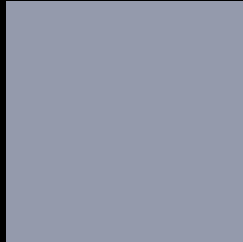
Large Text (above 18pt) WCAG AA × Fail

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 148, 153, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

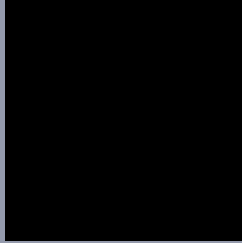
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

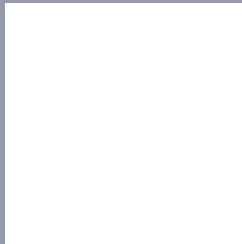
Any Text WCAG AAA ✓ Pass

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

RYP 148, 153, 172 Background



This preview shows how black text looks on a background with the RYB color 148, 153, 172.



This preview shows how white text looks on a background with the RYB color 148, 153, 172.

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
[148](#), [153](#), [172](#)

Protanopia
[152](#), [153](#), [171](#)

Deuteranopia
[161](#), [150](#), [173](#)



Tritanopia
147, 153, 167

Trichromacy



Original Color

148, 153, 172

Protanomaly

151, 153, 171

Deuteranomaly

156, 152, 173

Tritanomaly

147, 153, 169

Monochromacy



Original Color

148, 153, 172

Achromatopsia

154, 154, 154

Achromatomaly

152, 154, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 153, 172 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, 154, 172) looks like.

```
.text, #text, p{  
    color:rgb(148, 154, 172)  
}
```

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, 154, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 154, 172) }
```

Border

The CSS property to change the border of an element to RYB 148, 153, 172 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, 154, 172) }
```

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

```
.border{ border-color:rgb(148, 154, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 154, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 154, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 154, 172);  
box-shadow:4px 4px 4px 4px rgb(148, 154,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 148, 153, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 154, 172) }
```

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

```
.background{ background-color: rgb(148,  
154, 172) }
```

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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