

Converting Colors

`RYB(148, 141, 163)`

Have a look what the booklet for RYB(148, 141, 163) contains.

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Color

$\text{RYB}(148, 141, 163)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 948DA3 |
| RGB | 148, 141, 163 |
| RGB Percent | 58%, 55%, 64% |
| CMY | 0.4196, 0.4471, 0.3608 |
| CMYK | 0.09, 0.13, 0.00, 0.36 |
| HSL | 259°, 11%, 60% |
| HSV | 259°, 13%, 64% |
| XYZ | 28.3485, 27.9900, 38.5588 |
| YIQ | 145.6010, -2.8900, 8.3260 |

Conversions

Conversions Part 2

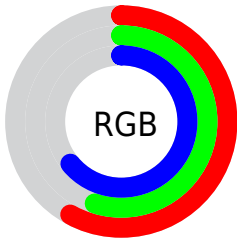
| Format | Color |
|-------------------------------------|--|
| RYB | 148, 141, 163 |
| Decimal | 9735587 |
| CIELab | 59.88, 7.00, -10.67 |
| CIELCh | 60, 12.762, 303.262 |
| Yxy | 27.9900, 0.2987, 0.2950 |
| Android (android.graphics.Color) | 4287925667 (0xFF948DA3) |
| YUV | 145.6010, 8.5777, 2.1039 |
| Hunter-Lab | 52.9056, 3.0612, -6.1780 |

Details

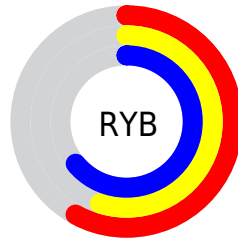
The RYB color **148, 141, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **141, 163, 148**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **202, 195, 218**, and **97, 91, 111** is the 20% darker color. If you saturate the color by 10%, you get **137, 125, 163**, and if you desaturate by 10%, it is **159, 157, 163**.

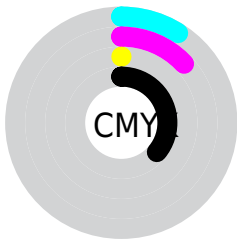
Distribution



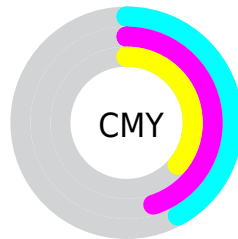
- Red (58%)
- Green (55%)
- Blue (64%)



- Red (58%)
- Yellow (55%)
- Blue (64%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (45%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 148, 141, 163 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, 141, 163 by changing the saturation by 10% instead.

 148, 141, 163


255, 255, 255

 202, 195, 218

 230, 222, 246


 255, 251, 255

 148, 141, 163

 122, 115, 137

 97, 91, 111

 73, 67, 87

 51, 45, 64

 29, 25, 42

 5, 0, 22

 0, 0, 0

 148, 141, 163

 137, 125, 163

 148, 141, 163

 159, 157, 163

126, 108, 163

163, 174, 167

115, 92, 163

163, 190, 172

104, 76, 163

163, 206, 177

92, 60, 163

163, 223, 182

81, 43, 163

163, 239, 187

70, 27, 163

163, 255, 192

59, 11, 163

163, 255, 181

52, 0, 163

163, 255, 170

Harmonies

Analogous

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



134, 142, 166



148, 141, 163



160, 138, 155

Triad

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



148, 141, 163



162, 150, 125



118, 136, 151

Complementary

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



148, 141, 163



141, 163, 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.



127, 145, 150



148, 141, 163



133, 152, 122

Square

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



148, 141, 163



168, 138, 132



125, 147, 133



115, 134, 156

Rectangle

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



148, 141, 163



165, 137, 147



125, 147, 133



120, 138, 151

Sweetspot

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



148, 141, 163



206, 203, 212



141, 150, 163



103, 102, 107



235, 235, 235



107, 107, 107

Same Dimension

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



148, 141, 163



189, 178, 212



159, 141, 163



76, 73, 82



46, 0, 145



6, 0, 18

Inverse Universe

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



163, 141, 156



212, 178, 201



141, 163, 159



82, 73, 79



145, 0, 99



18, 0, 12

Previews

White Background



This preview shows how the RYB color 148, 141, 163 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 148, 141, 163 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 148, 141, 163 Background



This preview shows how black text looks on a background with the RYB color 148, 141, 163.



This preview shows how white text looks on a background with the RYB color 148, 141, 163.

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, 141, 163

Protanopia

141, 143, 164

Deuteranopia

149, 141, 163



Tritanopia

147, 143, 154

Trichromacy



Original Color

148, 141, 163

Protanomaly

144, 142, 164

Deuteranomaly

149, 141, 163

Tritanomaly

147, 142, 157

Monochromacy



Original Color

148, 141, 163

Achromatopsia

146, 146, 146

Achromatomaly

147, 144, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 141, 163 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, 141, 163) looks like.

```
.text, #text, p{  
    color:rgb(148, 141, 163)  
}
```

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, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 141, 163) }
```

Border

The CSS property to change the border of an element to RYB 148, 141, 163 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, 141, 163) }
```

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

```
.border{ border-color:rgb(148, 141, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 141, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 141, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 141, 163);  
box-shadow:4px 4px 4px 4px rgb(148, 141,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 148, 141, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 141, 163) }
```

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

```
.background{ background-color: rgb(148,  
141, 163) }
```

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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