

Converting Colors

`RYB(149, 140, 164)`

Have a look what the booklet for RYB(149, 140, 164) contains.

RYB(149, 140, 164)	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

R_YB(149, 140, 164)

Conversions

Conversions Part 1

Format	Color
Hex	958CA4
RGB	149, 140, 164
RGB Percent	58%, 55%, 64%
CMY	0.4157, 0.4510, 0.3569
CMYK	0.09, 0.15, 0.00, 0.36
HSL	262°, 12%, 60%
HSV	262°, 15%, 64%
XYZ	28.4733, 27.8261, 38.9922
YIQ	145.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

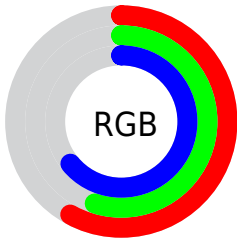
Format	Color
RYB	149, 140, 164
Decimal	9800868
CIELab	59.73, 8.13, -11.46
CIELCh	60, 14.047, 305.361
Yxy	27.8261, 0.2988, 0.2920
Android (android.graphics.Color)	4287990948 (0xFF958CA4)
YUV	145.4270, 9.1565, 3.1335
Hunter-Lab	52.7504, 4.0366, -6.9009

Details

The RYB color **149, 140, 164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **140, 164, 149**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **203, 194, 219**, and **98, 90, 112** is the 20% darker color. If you saturate the color by 10%, you get **139, 124, 164**, and if you desaturate by 10%, it is **159, 156, 164**.

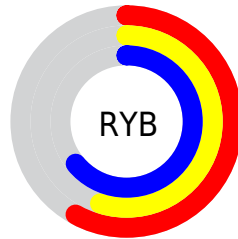
Distribution



Red (58%)

Green (55%)

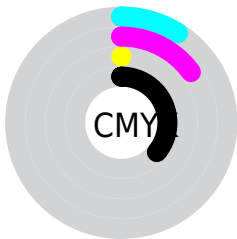
Blue (64%)



Red (58%)

Yellow (55%)

Blue (64%)

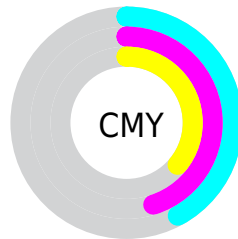


Cyan (9%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 140, 164 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 149, 140, 164 by changing the saturation by 10% instead.

 149, 140, 164

255, 255, 255

 203, 194, 219

 231, 221, 247


 255, 250, 255

 149, 140, 164

 123, 115, 138

 98, 90, 112

 74, 67, 88

 51, 44, 64

 30, 24, 42

 6, 0, 22

 0, 0, 0

 149, 140, 164

 139, 124, 164

 149, 140, 164

 159, 156, 164

129, 107, 164

164, 173, 168

118, 91, 164

164, 189, 173

108, 74, 164

164, 206, 180

98, 58, 164

164, 222, 186

88, 42, 164

164, 238, 191

77, 25, 164

164, 255, 198

67, 9, 164

164, 255, 188

61, 0, 164

164, 255, 178

Harmonies

Analogous

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



133, 141, 168



149, 140, 164



162, 137, 154

Triad

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



149, 140, 164



163, 154, 122



114, 134, 151

Complementary

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



149, 140, 164



140, 164, 149

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.



124, 143, 150



149, 140, 164



128, 151, 119

Square

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



149, 140, 164



169, 137, 130



124, 147, 133



112, 133, 158

Rectangle

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



149, 140, 164



168, 135, 146



124, 147, 133



117, 137, 151

Sweetspot

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



149, 140, 164



209, 206, 214



140, 149, 164



104, 102, 107



235, 235, 235



107, 107, 107

Same Dimension

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



149, 140, 164



190, 176, 214



161, 140, 164



77, 73, 82



55, 0, 145



7, 0, 18

Inverse Universe

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



164, 140, 155



214, 176, 200



140, 164, 161



82, 73, 79



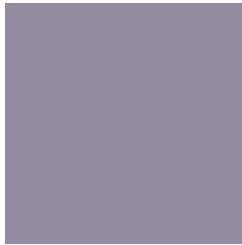
145, 0, 91



18, 0, 11

Previews

White Background



This preview shows how the RYB color 149, 140, 164 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 149, 140, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

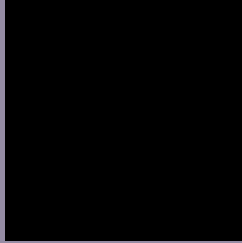
Any Text WCAG AA ✓ Pass

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](#).

RYP 149, 140, 164 Background



This preview shows how black text looks on a background with the RYB color 149, 140, 164.



This preview shows how white text looks on a background with the RYB color 149, 140, 164.

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
149, 140, 164

Protanopia
140, 143, 166

Deuteranopia
148, 140, 164



Tritanopia
147, 142, 153

Trichromacy



Original Color

149, 140, 164

Protanomaly

143, 142, 165

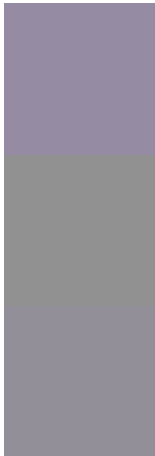
Deuteranomaly

148, 140, 164

Tritanomaly

148, 141, 157

Monochromacy



Original Color

149, 140, 164

Achromatopsia

145, 145, 145

Achromatomaly

146, 143, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 140, 164 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(149, 140, 164) looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 164)  
}
```

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(149, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 164) }
```

Border

The CSS property to change the border of an element to RYB 149, 140, 164 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(149, 140, 164) }
```

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

```
.border{ border-color:rgb(149, 140, 164) }
```

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

Here you see how a box with a 4 pixel rgb(149, 140, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 149, 140, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 164) }
```

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

```
.background{ background-color: rgb(149,  
140, 164) }
```

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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