

Converting Colors

`RYB(149, 147, 194)`

Have a look what the booklet for RYB(149, 147, 194) contains.

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Color

R_YB(149, 147, 194)

Conversions

Conversions Part 1

Format	Color
Hex	9593C2
RGB	149, 147, 194
RGB Percent	58%, 58%, 76%
CMY	0.4157, 0.4235, 0.2392
CMYK	0.23, 0.24, 0.00, 0.24
HSL	243°, 28%, 67%
HSV	243°, 24%, 76%
XYZ	32.5657, 31.1520, 55.3355
YIQ	152.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

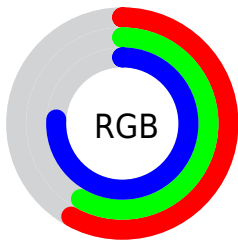
Format	Color
RYB	149, 147, 194
Decimal	9802690
CIELab	62.64, 10.93, -24.03
CIElCh	63, 26.393, 294.455
Yxy	31.1520, 0.2735, 0.2617
Android (android.graphics.Color)	4287992770 (0xFF9593C2)
YUV	152.9560, 20.2347, -3.4694
Hunter-Lab	55.8140, 6.4747, -19.7119

Details

The RYB color **149, 147, 194** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **147, 194, 149**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **204, 201, 251**, and **97, 97, 140** is the 20% darker color. If you saturate the color by 10%, you get **130, 128, 194**, and if you desaturate by 10%, it is **168, 166, 194**.

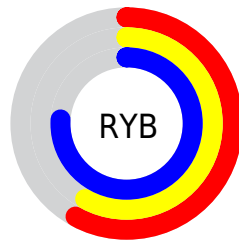
Distribution



Red (58%)

Green (58%)

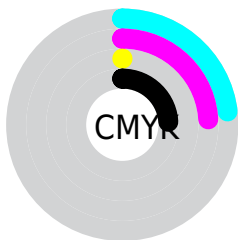
Blue (76%)



Red (58%)

Yellow (58%)

Blue (76%)

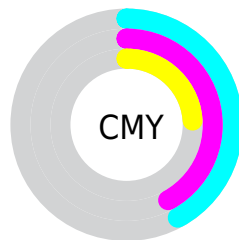


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 147, 194 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, 147, 194 by changing the saturation by 10% instead.


 149, 147, 194

255, 255, 255

 204, 201, 251

 232, 229, 255

 149, 147, 194

 123, 121, 167

 97, 97, 140

 73, 73, 115

 49, 50, 90

 25, 29, 66


 4, 4, 44

 0, 1, 23


 0, 0, 0

 149, 147, 194

 149, 147, 194

 130, 128, 194

 168, 166, 194

 112, 108, 194

 186, 186, 194

 93, 89, 194

 194, 205, 194

 75, 69, 194

 194, 225, 196

 56, 50, 194

 194, 244, 196

 38, 31, 194

 194, 255, 194

 19, 11, 194

 8, 0, 194

Harmonies

Analogous

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



115, 142, 198



149, 147, 194



177, 139, 179

Triad

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



149, 147, 194



190, 156, 114



95, 135, 164

Complementary

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



149, 147, 194



147, 194, 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.



121, 158, 161



149, 147, 194



142, 172, 105

Square

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



149, 147, 194



199, 135, 133



108, 156, 116



79, 123, 170

Rectangle

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



149, 147, 194



190, 136, 165



108, 156, 116



103, 142, 164

Sweetspot

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



149, 147, 194



236, 235, 252



147, 170, 194



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 147, 194



182, 179, 252



172, 147, 194



88, 87, 97



7, 0, 161



1, 0, 33

Inverse Universe

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



194, 147, 192



252, 179, 249



147, 194, 172



97, 87, 96



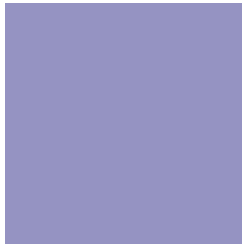
161, 0, 154



33, 0, 32

Previews

White Background



This preview shows how the RYB color 149, 147, 194 looks on a white background.

Color Contrast Check

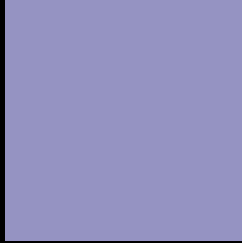
Large Text (above 18pt) WCAG AA × Fail

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 149, 147, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

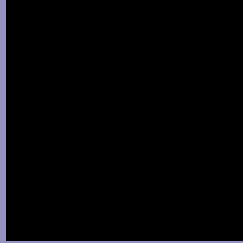
Any Text WCAG AA ✓ Pass

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 149, 147, 194 Background



This preview shows how black text looks on a background with the RYB color 149, 147, 194.



This preview shows how white text looks on a background with the RYB color 149, 147, 194.

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, 147, 194

Protanopia
139, 148, 196

Deuteranopia
144, 149, 194



Tritanopia

143, 149, 165

Trichromacy



Original Color
149, 147, 194

Protanomaly
143, 148, 195

Deuteranomaly
146, 148, 194

Tritanomaly
145, 149, 176

Monochromacy



Original Color
149, 147, 194

Achromatopsia
153, 153, 153

Achromatomaly
152, 151, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 147, 194 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, 147, 194) looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 194)  
}
```

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, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 194) }
```

Border

The CSS property to change the border of an element to RYB 149, 147, 194 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, 147, 194) }
```

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

```
.border{ border-color:rgb(149, 147, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 149, 147, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 194) }
```

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

```
.background{ background-color: rgb(149,  
147, 194) }
```

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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