

Converting Colors

`RYB(145, 139, 149)`

Have a look what the booklet for
RYB(145, 139, 149) contains.

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Color

R_YB(145, 139, 149)

Conversions

Conversions Part 1

Format	Color
Hex	918B95
RGB	145, 139, 149
RGB Percent	57%, 55%, 58%
CMY	0.4314, 0.4549, 0.4157
CMYK	0.03, 0.07, 0.00, 0.42
HSL	276°, 5%, 56%
HSV	276°, 7%, 58%
XYZ	26.3345, 26.6549, 32.1907
YIQ	141.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

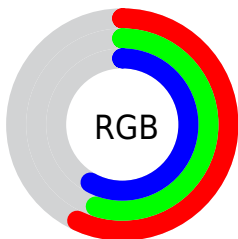
Format	Color
RYB	145, 139, 149
Decimal	9538453
CIELab	58.65, 4.18, -4.52
CIElCh	59, 6.157, 312.735
Yxy	26.6549, 0.3092, 0.3129
Android (android.graphics.Color)	4287728533 (0xFF918B95)
YUV	141.9340, 3.4835, 2.6889
Hunter-Lab	51.6284, 0.6992, -0.8279

Details

The RYB color **145, 139, 149** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **139, 149, 145**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **199, 192, 203**, and **95, 89, 98** is the 20% darker color. If you saturate the color by 10%, you get **139, 124, 149**, and if you desaturate by 10%, it is **149, 154, 152**.

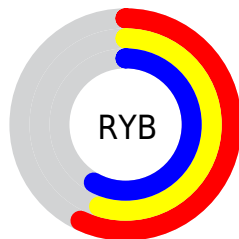
Distribution



Red (57%)

Green (55%)

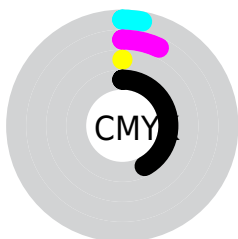
Blue (58%)



Red (57%)

Yellow (55%)

Blue (58%)

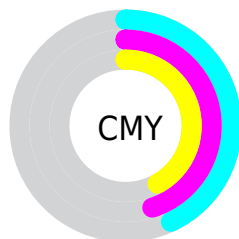


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 139, 149 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 145, 139, 149 by changing the saturation by 10% instead.

 145, 139, 149

255, 255, 255

 199, 192, 203


 227, 220, 231

 255, 249, 255

 145, 139, 149

 119, 114, 123

 95, 89, 98

 71, 66, 75

 49, 44, 52


 28, 23, 31

 0, 0, 5

 0, 0, 0

 145, 139, 149

 139, 124, 149

 145, 139, 149

 149, 154, 152

133, 109, 149

149, 169, 161

127, 94, 149

149, 184, 170

121, 79, 149

149, 199, 179

115, 64, 149

149, 214, 188

109, 50, 149

149, 228, 196

103, 35, 149

149, 243, 205

97, 20, 149

149, 255, 211

91, 5, 149

149, 255, 205

Harmonies

Analogous

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



138, 140, 151



145, 139, 149



150, 138, 144

Triad

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



145, 139, 149



149, 149, 131



128, 136, 144

Complementary

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



145, 139, 149



139, 149, 145

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.



131, 139, 144



145, 139, 149



133, 143, 131

Square

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



145, 139, 149



152, 139, 134



133, 143, 139



129, 137, 148

Rectangle

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



145, 139, 149



152, 137, 141



133, 143, 139



129, 137, 144

Sweetspot

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



145, 139, 149



192, 190, 194



139, 142, 149



96, 95, 97



224, 224, 224



97, 97, 97

Same Dimension

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



145, 139, 149



188, 178, 194



149, 139, 148



71, 67, 74



83, 0, 138



6, 0, 10

Inverse Universe

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



149, 139, 143



194, 178, 184



139, 148, 149



74, 67, 70



138, 0, 55



10, 0, 4

Previews

White Background



This preview shows how the RYB color 145, 139, 149 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 145, 139, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

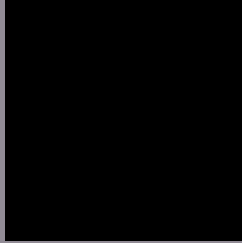
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

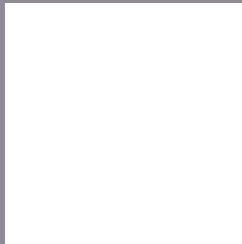
Any Text WCAG AAA × Fail

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

RYB 145, 139, 149 Background



This preview shows how black text looks on a background with the RYB color 145, 139, 149.



This preview shows how white text looks on a background with the RYB color 145, 139, 149.

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


145, 139, 149

Protanopia

141, 140, 150

Deuteranopia

151, 137, 149



Tritanopia
145, 139, 150

Trichromacy



Original Color

145, 139, 149

Protanomaly

142, 140, 150

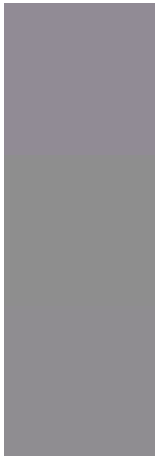
Deuteranomaly

149, 138, 149

Tritanomaly

145, 139, 150

Monochromacy



Original Color

145, 139, 149

Achromatopsia

142, 142, 142

Achromatomaly

143, 141, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 139, 149 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(145, 139, 149) looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 149)  
}
```

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(145, 139, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 149) }
```

Border

The CSS property to change the border of an element to RYB 145, 139, 149 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(145, 139, 149) }
```

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

```
.border{ border-color:rgb(145, 139, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 139, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 139, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 139, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 139,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 145, 139, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 149) }
```

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

```
.background{ background-color: rgb(145,  
139, 149) }
```

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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