

Converting Colors

`RYB(145, 140, 147)`

Have a look what the booklet for
RYB(145, 140, 147) contains.

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Color

R_YB(145, 140, 147)

Conversions

Conversions Part 1

Format	Color
Hex	918C93
RGB	145, 140, 147
RGB Percent	57%, 55%, 58%
CMY	0.4314, 0.4510, 0.4235
CMYK	0.01, 0.05, 0.00, 0.42
HSL	283°, 3%, 56%
HSV	283°, 5%, 58%
XYZ	26.3216, 26.8825, 31.4053
YIQ	142.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

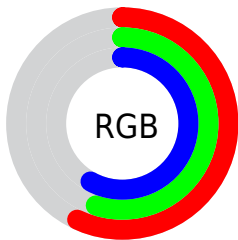
Format	Color
R_{YB}	145, 140, 147
Decimal	9538707
CIE _{Lab}	58.87, 3.21, -3.06
CIE _{LCh}	59, 4.440, 316.344
Yxy	26.8825, 0.3111, 0.3177
Android (android.graphics.Color)	4287728787 (0xFF918C93)
YUV	142.2930, 2.3206, 2.3740
Hunter-Lab	51.8483, -0.1163, 0.3810

Details

The RYB color `145, 140, 147` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `140, 147, 145`, and the grayscale version is `142, 142, 142`.

A 20% lighter version of the original color is `199, 194, 201`, and `95, 90, 96` is the 20% darker color. If you saturate the color by 10%, you get `141, 125, 147`, and if you desaturate by 10%, it is `147, 155, 153`.

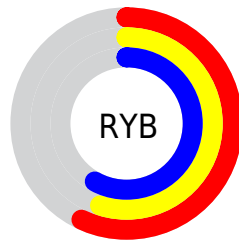
Distribution



Red (57%)

Green (55%)

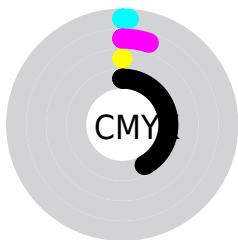
Blue (58%)



Red (57%)

Yellow (55%)

Blue (58%)

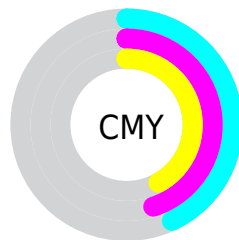


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 140, 147 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, 140, 147 by changing the saturation by 10% instead.

 145, 140, 147

255, 255, 255

 199, 194, 201


 227, 221, 229

 255, 250, 255


 145, 140, 147

 119, 115, 121

 95, 90, 96

 71, 67, 73

 49, 45, 50

 28, 24, 29


 0, 0, 3

 0, 0, 0

 145, 140, 147

 141, 125, 147

 145, 140, 147

 147, 155, 153

137, 111, 147

147, 169, 163

132, 96, 147

147, 184, 173

128, 81, 147

147, 199, 184

124, 67, 147

147, 214, 195

120, 52, 147

147, 228, 205

116, 37, 147

147, 243, 216

111, 22, 147

147, 255, 223

107, 8, 147

147, 255, 219

Harmonies

Analogous

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



140, 141, 149



145, 140, 147



149, 139, 144

Triad

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



145, 140, 147



145, 147, 134



132, 138, 144

Complementary

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



145, 140, 147



140, 147, 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.



134, 140, 144



145, 140, 147



135, 143, 134

Square

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



145, 140, 147



150, 142, 136



136, 143, 141



133, 139, 147

Rectangle

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



145, 140, 147



150, 139, 141



136, 143, 141



133, 139, 144

Sweetspot

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



145, 140, 147



191, 189, 191



140, 142, 147



97, 96, 97



224, 224, 224



97, 97, 97

Same Dimension

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



145, 140, 147



188, 180, 191



147, 140, 146



72, 69, 74



98, 0, 138



7, 0, 10

Inverse Universe

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



147, 140, 142



191, 180, 183



140, 146, 147



74, 69, 70



138, 0, 39



10, 0, 3

Previews

White Background



This preview shows how the RYB color 145, 140, 147 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, 140, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

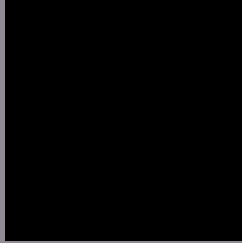
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

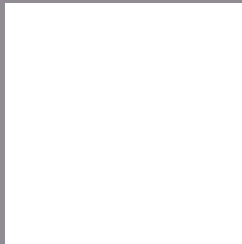
Any Text WCAG AAA × Fail

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

RYB 145, 140, 147 Background



This preview shows how black text looks on a background with the RYB color 145, 140, 147.



This preview shows how white text looks on a background with the RYB color 145, 140, 147.

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](#), [140](#), [147](#)

Protanopia
[142](#), [141](#), [147](#)

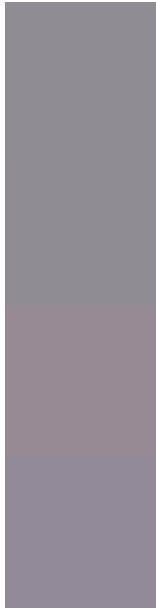
Deuteranopia
[153](#), [137](#), [148](#)



Tritanopia

146, 139, 150

Trichromacy



Original Color

145, 140, 147

Protanomaly

143, 141, 147

Deuteranomaly

150, 138, 148

Tritanomaly

146, 139, 149

Monochromacy



Original Color

145, 140, 147

Achromatopsia

142, 142, 142

Achromatomaly

143, 141, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 140, 147 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, 140, 147) looks like.

```
.text, #text, p{  
    color:rgb(145, 140, 147)  
}
```

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, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 140, 147) }
```

Border

The CSS property to change the border of an element to RYB 145, 140, 147 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, 140, 147) }
```

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

```
.border{ border-color:rgb(145, 140, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 140, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(145, 140,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 145, 140, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 140, 147) }
```

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

```
.background{ background-color: rgb(145,  
140, 147) }
```

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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