

Converting Colors

`RYB(145, 147, 165)`

Have a look what the booklet for RYB(145, 147, 165) contains.

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Color

R_YB(145, 147, 165)

Conversions

Conversions Part 1

Format	Color
Hex	9193A5
RGB	145, 147, 165
RGB Percent	57%, 58%, 65%
CMY	0.4314, 0.4227, 0.3529
CMYK	0.12, 0.11, 0.00, 0.35
HSL	233°, 10%, 61%
HSV	233°, 12%, 65%
XYZ	28.9369, 29.6730, 39.7996
YIQ	148.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

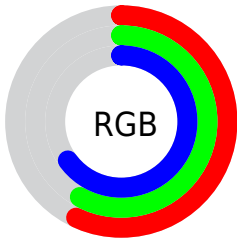
Format	Color
RYB	145, 147, 165
Decimal	9540517
CIELab	61.37, 2.87, -9.60
CIELCh	61, 10.021, 286.625
Yxy	29.6730, 0.2940, 0.3015
Android (android.graphics.Color)	4287730597 (0xFF9193A5)
YUV	148.4540, 8.1572, -3.0292
Hunter-Lab	54.4729, -0.5055, -5.1881

Details

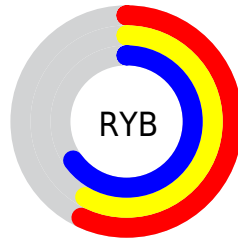
The RYB color **145, 147, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147, 165, 145**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **199, 201, 220**, and **94, 97, 113** is the 20% darker color. If you saturate the color by 10%, you get **128, 132, 165**, and if you desaturate by 10%, it is **161, 162, 165**.

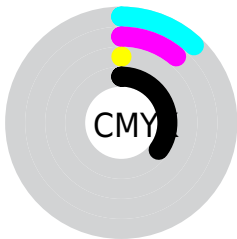
Distribution



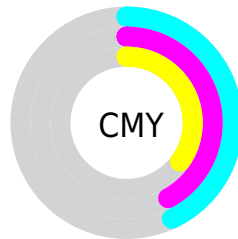
- Red (57%)
- Green (58%)
- Blue (65%)



- Red (57%)
- Yellow (58%)
- Blue (65%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 147, 165 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, 147, 165 by changing the saturation by 10% instead.

 145, 147, 165

255, 255, 255


 199, 201, 220


 227, 229, 249

 145, 147, 165


 119, 121, 139

 94, 97, 113

 71, 73, 89

 48, 51, 65

 27, 30, 43


 1, 4, 23

 0, 0, 0

 145, 147, 165

 128, 132, 165

 145, 147, 165

 161, 162, 165

■ 112, 117, 165

■ 166, 178, 165

■ 95, 102, 165

■ 168, 194, 165

■ 79, 88, 165

■ 171, 211, 165

■ 62, 73, 165

■ 172, 227, 165

■ 46, 58, 165

■ 175, 244, 165

■ 29, 43, 165

■ 170, 255, 165

■ 13, 28, 165

■ 165, 255, 165

■ 0, 16, 165

Harmonies

Analogous

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



134, 145, 165



145, 147, 165



156, 144, 160

Triad

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



145, 147, 165



166, 147, 136



131, 145, 153

Complementary

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



145, 147, 165



147, 165, 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.



136, 152, 148



145, 147, 165



155, 159, 131

Square

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



145, 147, 165



167, 142, 143



132, 150, 131



126, 140, 153

Rectangle

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



145, 147, 165



162, 143, 155



132, 150, 131



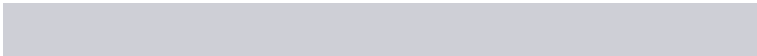
134, 148, 153

Sweetspot

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



145, 147, 165



206, 207, 214



145, 156, 165



102, 102, 107



235, 235, 235



107, 107, 107

Same Dimension

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



145, 147, 165



182, 186, 214



153, 145, 165



73, 74, 82



0, 14, 145



0, 2, 18

Inverse Universe

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



165, 145, 147



214, 182, 186



145, 165, 153



82, 73, 74



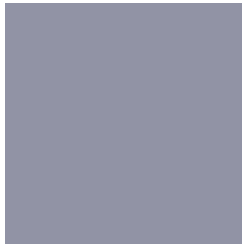
145, 0, 16



18, 0, 2

Previews

White Background



This preview shows how the RYB color 145, 147, 165 looks on a white background.

Color Contrast Check

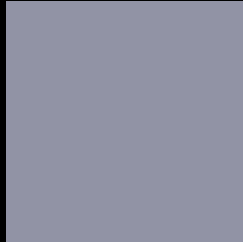
Large Text (above 18pt) WCAG AA ✓ Pass

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, 147, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

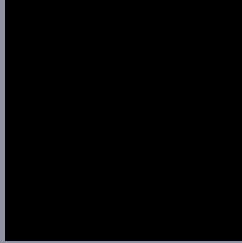
Any Text WCAG AA ✓ Pass

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, 147, 165 Background



This preview shows how black text looks on a background with the RYB color 145, 147, 165.



This preview shows how white text looks on a background with the RYB color 145, 147, 165.

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, 147, 165

Protanopia
146, 147, 165

Deuteranopia
154, 144, 166



Tritanopia

144, 147, 160

Trichromacy



Original Color

145, 147, 165

Protanomaly

146, 147, 165

Deuteranomaly

151, 145, 166

Tritanomaly

144, 147, 162

Monochromacy



Original Color

145, 147, 165

Achromatopsia

149, 149, 149

Achromatomaly

148, 148, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 147, 165 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, 147, 165)` looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 165)  
}
```

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, 147, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 165) }
```

Border

The CSS property to change the border of an element to RYB 145, 147, 165 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, 147, 165) }
```

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

```
.border{ border-color:rgb(145, 147, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 165);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 145, 147, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 165) }
```

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

```
.background{ background-color: rgb(145,  
147, 165) }
```

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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