

Converting Colors

`RYB(150, 135, 145)`

Have a look what the booklet for
RYB(150, 135, 145) contains.

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Color

R_YB(150, 135, 145)

Conversions

Conversions Part 1

Format	Color
Hex	968791
RGB	150, 135, 145
RGB Percent	59%, 53%, 57%
CMY	0.4118, 0.4706, 0.4314
CMYK	0.00, 0.10, 0.03, 0.41
HSL	320°, 7%, 56%
HSV	320°, 10%, 59%
XYZ	26.3525, 25.8563, 30.3899
YIQ	140.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

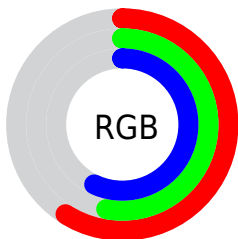
Format	Color
R_{YB}	150, 135, 145
Decimal	9865105
CIE _{Lab}	57.90, 7.50, -3.29
CIE _{LCh}	58, 8.188, 336.319
Yxy	25.8563, 0.3190, 0.3130
Android (android.graphics.Color)	4288055185 (0xFF968791)
YUV	140.6250, 2.1569, 8.2219
Hunter-Lab	50.8491, 3.5215, 0.1598

Details

The RYB color **150, 135, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135, 146, 150**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **204, 188, 199**, and **99, 85, 95** is the 20% darker color. If you saturate the color by 10%, you get **150, 120, 140**, and if you desaturate by 10%, it is **150, 150, 150**.

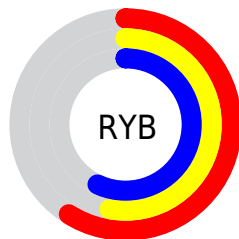
Distribution



Red (59%)

Green (53%)

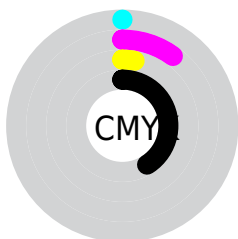
Blue (57%)



Red (59%)

Yellow (53%)

Blue (57%)

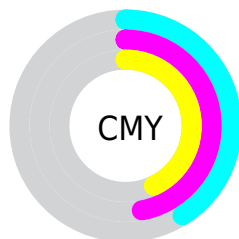


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (41%)



Cyan (41%)


Magenta (47%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the RYB color 150, 135, 145 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 150, 135, 145 by changing the saturation by 10% instead.


 150, 135, 145


255, 255, 255

 204, 188, 199

 232, 216, 227


 255, 244, 255


 150, 135, 145

 124, 110, 119

 99, 85, 95


 75, 62, 71


 53, 40, 49

 31, 20, 28

 0, 0, 0

 150, 135, 145


 150, 120, 140

 150, 105, 135


 150, 135, 145


 150, 150, 150


 150, 161, 165


 150, 90, 130


 150, 173, 180

 150, 75, 125

 150, 184, 195

 150, 60, 120


 150, 195, 210

 150, 45, 115

 150, 206, 225

 150, 30, 110

 150, 218, 240

 150, 15, 105

 150, 229, 255

 150, 0, 100

 150, 226, 255

Harmonies

Analogous

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



142, 137, 151



150, 135, 145



154, 134, 138

Triad

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



150, 135, 145



132, 144, 125



122, 133, 147

Complementary

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



150, 135, 145



135, 146, 150

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.



122, 133, 143



150, 135, 145



127, 141, 133

Square

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



150, 135, 145



150, 146, 126



128, 139, 143



126, 136, 152

Rectangle

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



150, 135, 145



155, 135, 133



128, 139, 143



121, 132, 145

Sweetspot

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



150, 135, 145



194, 188, 192



140, 135, 150



97, 93, 96



224, 224, 224



97, 97, 97

Same Dimension

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



150, 135, 145



194, 171, 186



150, 135, 138



74, 67, 71



138, 0, 92



10, 0, 7

Inverse Universe

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



150, 135, 145



194, 171, 186



135, 143, 150



74, 67, 71



138, 0, 92



10, 0, 7

Previews

White Background



This preview shows how the RYB color 150, 135, 145 looks on a white background.

Color Contrast Check

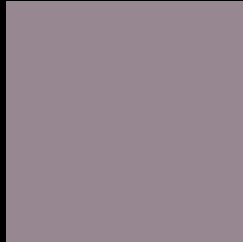
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 135, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

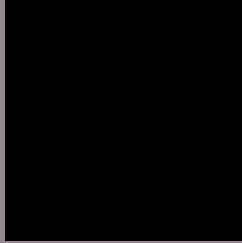
Any Text WCAG AA ✓ Pass

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 150, 135, 145 Background



This preview shows how black text looks on a background with the RYB color 150, 135, 145.



This preview shows how white text looks on a background with the RYB color 150, 135, 145.

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


150, 135, 145

Protanopia

139, 138, 147

Deuteranopia

150, 135, 145



Tritanopia

150, 135, 146

Trichromacy



Original Color

150, 135, 145

Protanomaly

143, 137, 146

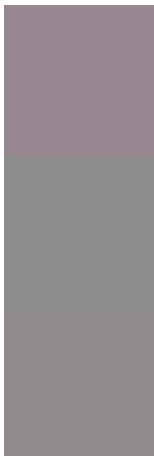
Deuteranomaly

150, 135, 145

Tritanomaly

150, 135, 146

Monochromacy



Original Color

150, 135, 145

Achromatopsia

141, 141, 141

Achromatomaly

144, 139, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 135, 145 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(150, 135, 145) looks like.

```
.text, #text, p{  
    color:rgb(150, 135, 145)  
}
```

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(150, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 135, 145) }
```

Border

The CSS property to change the border of an element to RYB 150, 135, 145 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(150, 135, 145) }
```

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

```
.border{ border-color:rgb(150, 135, 145) }
```

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

Here you see how a box with a 4 pixel rgb(150, 135, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(150, 135,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 150, 135, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 135, 145) }
```

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

```
.background{ background-color: rgb(150,  
135, 145) }
```

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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