

Converting Colors

`RYB(145, 153, 141)`

Have a look what the booklet for
RYB(145, 153, 141) contains.

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Color

$\text{RYB}(145, 153, 141)$

Conversions

Conversions Part 1

Format	Color
Hex	99968D
RGB	153, 150, 141
RGB Percent	60%, 59%, 55%
CMY	0.4000, 0.4118, 0.4471
CMYK	0.00, 0.02, 0.08, 0.40
HSL	45°, 6%, 58%
HSV	45°, 8%, 60%
XYZ	28.8509, 30.5081, 29.5673
YIQ	149.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

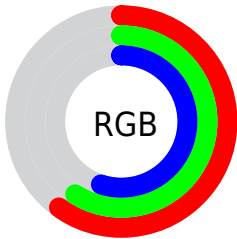
Format	Color
RYB	145, 153, 141
Decimal	10065549
CIELab	62.09, -0.57, 5.12
CIElCh	62, 5.156, 96.304
Yxy	30.5081, 0.3244, 0.3431
Android (android.graphics.Color)	4288255629 (0xFF99968D)
YUV	149.8710, -4.3734, 2.7441
Hunter-Lab	55.2341, -3.4222, 6.9254

Details

The RYB color **145, 153, 141** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141, 143, 153**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **199, 207, 195**, and **95, 102, 91** is the 20% darker color. If you saturate the color by 10%, you get **135, 153, 126**, and if you desaturate by 10%, it is **153, 154, 156**.

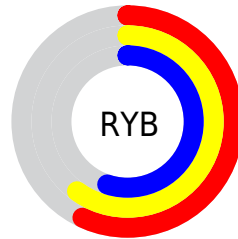
Distribution



Red (60%)

Green (59%)

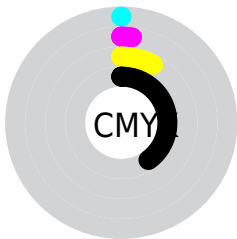
Blue (55%)



Red (57%)

Yellow (60%)

Blue (55%)

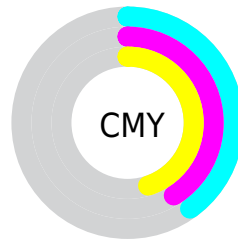


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 153, 141 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, 153, 141 by changing the saturation by 10% instead.

■ 145, 153, 141

255, 255, 255

■ 199, 207, 195

■ 228, 236, 222

■ 251, 255, 251

■ 145, 153, 141

■ 119, 127, 115

■ 95, 102, 91

■ 71, 78, 67

■ 48, 55, 45

■ 28, 34, 25

■ 3, 10, 0

■ 0, 0, 0

■ 145, 153, 141


■ 135, 153, 126


■ 145, 153, 141


■ 153, 154, 156


 125, 153, 110

 153, 157, 172

 113, 153, 95

 153, 159, 187

 104, 153, 80

 153, 163, 202


 94, 153, 65

 153, 166, 218

 84, 153, 49

 153, 169, 233


 74, 153, 34

 153, 172, 248

 65, 153, 19

 153, 175, 255

 52, 153, 3

 153, 177, 255

Harmonies

Analogous

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



157, 155, 142



145, 153, 141



143, 151, 146

Triad

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



145, 153, 141



139, 146, 155



157, 147, 154

Complementary

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



145, 153, 141



141, 143, 153

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.



152, 149, 157



145, 153, 141



142, 148, 158

Square

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



145, 153, 141



140, 147, 153



147, 149, 159



160, 147, 149

Rectangle

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



145, 153, 141



144, 151, 152



147, 149, 159



156, 148, 155

Sweetspot

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



145, 153, 141



196, 199, 195



153, 141, 144



97, 99, 97



227, 227, 227



99, 99, 99

Same Dimension

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



145, 153, 141



188, 199, 181



141, 153, 144



72, 77, 69



47, 140, 0



4, 13, 0

Inverse Universe

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



141, 143, 153



181, 184, 199



144, 141, 153



69, 71, 77



0, 28, 140



0, 2, 13

Previews

White Background



This preview shows how the RYB color 145, 153, 141 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 145, 153, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

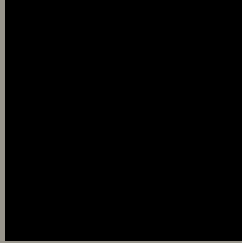
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

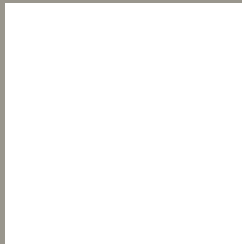
Any Text WCAG AAA ✓ Pass

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

R Y B 145, 153, 141 Background



This preview shows how black text looks on a background with the R Y B color 145, 153, 141.



This preview shows how white text looks on a background with the R Y B color 145, 153, 141.

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, 153, 141

Protanopia
152, 155, 141

Deuteranopia
167, 145, 142



Tritanopia
156, 147, 159

Trichromacy



Original Color

145, 153, 141

Protanomaly

149, 154, 141

Deuteranomaly

162, 149, 142

Tritanomaly

155, 148, 152

Monochromacy



Original Color

145, 153, 141

Achromatopsia

150, 150, 150

Achromatomaly

148, 151, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 153, 141 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(153, 150, 141) looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 141)  
}
```

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(153, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 141) }
```

Border

The CSS property to change the border of an element to RYB 145, 153, 141 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(153, 150, 141) }
```

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

```
.border{ border-color:rgb(153, 150, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 145, 153, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 141) }
```

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

```
.background{ background-color: rgb(153,  
150, 141) }
```

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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