

Converting Colors

`RYB(147, 155, 152)`

Have a look what the booklet for
RYB(147, 155, 152) contains.

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Color

`RYB(147, 155, 152)`

Conversions

Conversions Part 1

Format	Color
Hex	969B93
RGB	150, 155, 147
RGB Percent	59%, 61%, 58%
CMY	0.4118, 0.3922, 0.4235
CMYK	0.03, 0.00, 0.05, 0.39
HSL	97°, 4%, 59%
HSV	97°, 5%, 61%
XYZ	29.5655, 32.0333, 32.2285
YIQ	152.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

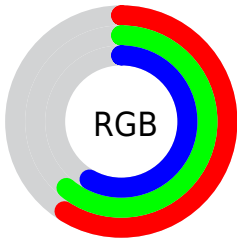
Format	Color
RYB	147, 155, 152
Decimal	9870227
CIELab	63.37, -3.33, 3.56
CIELCh	63, 4.875, 133.131
Yxy	32.0333, 0.3151, 0.3414
Android (android.graphics.Color)	4288060307 (0xFF969B93)
YUV	152.5930, -2.7573, -2.2741
Hunter-Lab	56.5980, -5.8021, 5.8571

Details

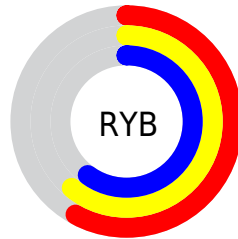
The RYB color **147, 155, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 147, 155**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **201, 209, 206**, and **96, 104, 101** is the 20% darker color. If you saturate the color by 10%, you get **132, 155, 147**, and if you desaturate by 10%, it is **160, 155, 163**.

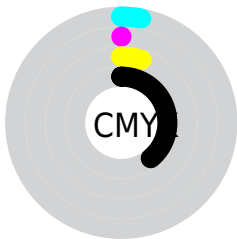
Distribution



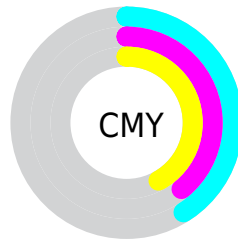
- Red (59%)
- Green (61%)
- Blue (58%)



- Red (58%)
- Yellow (61%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 155, 152 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 147, 155, 152 by changing the saturation by 10% instead.


 147, 155, 152


255, 255, 255

 201, 209, 206

 229, 238, 235

 147, 155, 152

 121, 129, 126

 96, 104, 101


 73, 80, 78


 50, 57, 54


 29, 36, 33

 3, 14, 9

 0, 0, 0

 147, 155, 152


 132, 155, 147

 147, 155, 152


 160, 155, 163

 116, 155, 140


 169, 155, 178

 101, 155, 135


 179, 155, 193

 85, 155, 129


 189, 155, 209

 70, 155, 123


 198, 155, 224

 54, 155, 117

 208, 155, 240

 39, 155, 112

 218, 155, 255

 23, 155, 105

 227, 155, 255

 8, 155, 100

 237, 155, 255

Harmonies

Analogous

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



146, 155, 145



147, 155, 152



146, 153, 156

Triad

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



147, 155, 152



147, 152, 162



163, 151, 152

Complementary

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



147, 155, 152



152, 147, 155

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.



161, 151, 156



147, 155, 152



151, 153, 162

Square

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



147, 155, 152



144, 151, 159



157, 152, 160



163, 152, 148

Rectangle

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



147, 155, 152



144, 151, 156



157, 152, 160



163, 151, 153

Sweetspot

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



147, 155, 152



197, 201, 199



152, 155, 147



100, 102, 101



230, 230, 230



102, 102, 102

Same Dimension

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



147, 155, 152



189, 201, 196



147, 154, 155



71, 77, 75



0, 140, 87



0, 13, 8

Inverse Universe

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



152, 147, 155



197, 189, 201



155, 147, 154



74, 71, 77



88, 0, 140



8, 0, 13

Previews

White Background



This preview shows how the RYB color 147, 155, 152 looks on a white background.

Color Contrast Check

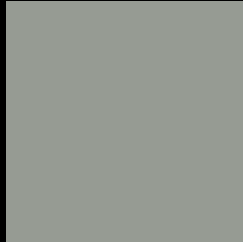
Large Text (above 18pt) WCAG AA × Fail

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 147, 155, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

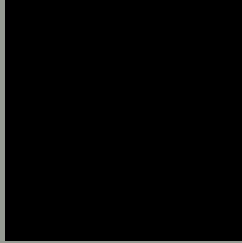
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

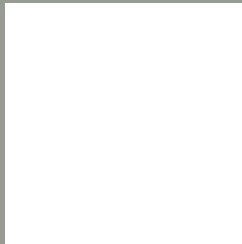
Any Text WCAG AAA ✓ Pass

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

RYB 147, 155, 152 Background



This preview shows how black text looks on a background with the RYB color 147, 155, 152.



This preview shows how white text looks on a background with the RYB color 147, 155, 152.

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


[147](#), [155](#), [152](#)

Protanopia

[155](#), [158](#), [146](#)

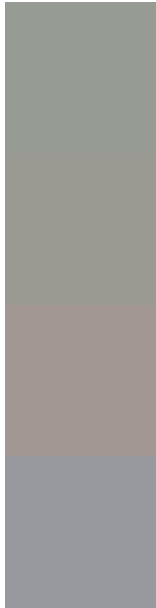
Deuteranopia

[170](#), [148](#), [148](#)



Tritanopia
153, 152, 164

Trichromacy



Original Color

147, 155, 152

Protanomaly

147, 155, 146

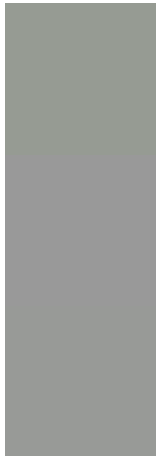
Deuteranomaly

163, 152, 148

Tritanomaly

152, 153, 158

Monochromacy



Original Color

147, 155, 152

Achromatopsia

153, 153, 153

Achromatomaly

151, 154, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 155, 152 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, 155, 147) looks like.

```
.text, #text, p{  
    color:rgb(150, 155, 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(150, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 155, 147) }
```

Border

The CSS property to change the border of an element to RYB 147, 155, 152 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, 155, 147) }
```

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

```
.border{ border-color:rgb(150, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(150, 155,  
147) }
```

Background

The CSS property to change the background color of an element to RYB 147, 155, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 155, 147) }
```

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

```
.background{ background-color: rgb(150,  
155, 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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