

Converting Colors

`RYB(145, 152, 155)`

Have a look what the booklet for
RYB(145, 152, 155) contains.

RYB(145, 152, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(145, 152, 155)$

Conversions

Conversions Part 1

Format	Color
Hex	919B95
RGB	145, 155, 149
RGB Percent	57%, 61%, 58%
CMY	0.4314, 0.3922, 0.4146
CMYK	0.06, 0.00, 0.04, 0.39
HSL	146°, 5%, 59%
HSV	146°, 6%, 61%
XYZ	28.8461, 31.6415, 33.1406
YIQ	151.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

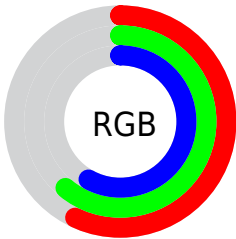
Format	Color
RYB	145, 152, 155
Decimal	9542549
CIELab	63.05, -4.70, 1.75
CIElCh	63, 5.019, 159.568
Yxy	31.6415, 0.3081, 0.3379
Android (android.graphics.Color)	4287732629 (0xFF919B95)
YUV	151.3260, -1.1467, -5.5479
Hunter-Lab	56.2508, -6.9020, 4.4444

Details

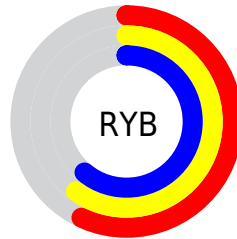
The RYB color **145, 152, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 145, 151**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **199, 206, 209**, and **95, 102, 104** is the 20% darker color. If you saturate the color by 10%, you get **130, 148, 155**, and if you desaturate by 10%, it is **161, 155, 158**.

Distribution



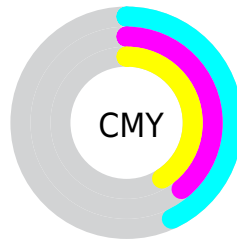
- Red (57%)
- Green (61%)
- Blue (58%)



- Red (57%)
- Yellow (60%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 152, 155 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, 152, 155 by changing the saturation by 10% instead.

■ 145, 152, 155

255, 255, 255

■ 199, 206, 209

■ 227, 235, 238

■ 145, 152, 155

■ 119, 126, 129

■ 95, 101, 104

■ 71, 77, 80

■ 49, 55, 57

■ 28, 33, 35

■ 1, 10, 14


■ 0, 0, 0

■ 145, 152, 155


■ 130, 148, 155

■ 145, 152, 155


■ 161, 155, 158

 114, 142, 155


 176, 155, 167

 98, 138, 155


 192, 155, 176


 83, 133, 155


 207, 155, 185

 68, 129, 155


 223, 155, 194

 52, 124, 155

 238, 155, 202

 37, 120, 155

 253, 155, 211

 21, 115, 155

 255, 155, 220

 6, 110, 155

 255, 155, 229

Harmonies

Analogous

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



146, 154, 150



145, 152, 155



142, 149, 155

Triad

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



145, 152, 155



150, 152, 161



162, 151, 147

Complementary

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



145, 152, 155



155, 145, 151

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.



162, 150, 151



145, 152, 155



155, 151, 159

Square

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



145, 152, 155



145, 151, 161



160, 150, 156



159, 157, 144

Rectangle

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



145, 152, 155



142, 149, 157



160, 150, 156



162, 150, 148

Sweetspot

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



145, 152, 155



197, 200, 201



145, 155, 149



100, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



145, 152, 155



185, 196, 201



145, 150, 155



69, 75, 77



0, 98, 140



0, 9, 13

Inverse Universe

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



155, 145, 151



201, 185, 195



155, 145, 146



77, 69, 73



140, 0, 80



13, 0, 7

Previews

White Background



This preview shows how the RYB color 145, 152, 155 looks on a white background.

Color Contrast Check

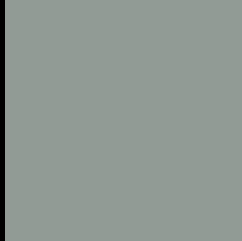
Large Text (above 18pt) WCAG AA × Fail

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, 152, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

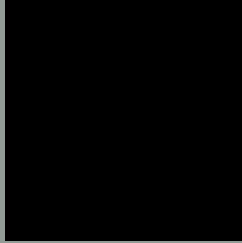
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

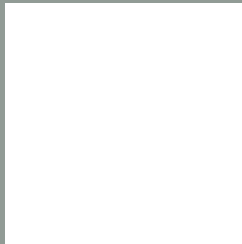
Any Text WCAG AAA ✓ Pass

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

R Y B 145, 152, 155 Background



This preview shows how black text looks on a background with the R Y B color 145, 152, 155.



This preview shows how white text looks on a background with the R Y B color 145, 152, 155.

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](#).

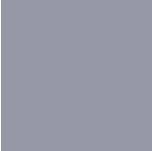
Dichromacy



Original Color
145, 152, 155

Protanopia
154, 156, 147

Deuteranopia
168, 147, 151



Tritanopia
148, 152, 165

Trichromacy



Original Color

145, 152, 155

Protanomaly

148, 153, 149

Deuteranomaly

160, 150, 150

Tritanomaly

147, 151, 159

Monochromacy



Original Color

145, 152, 155

Achromatopsia

151, 151, 151

Achromatomaly

149, 151, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 152, 155 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, 155, 149) looks like.

```
.text, #text, p{  
    color:rgb(145, 155, 149)  
}
```

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, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 155, 149) }
```

Border

The CSS property to change the border of an element to RYB 145, 152, 155 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, 155, 149) }
```

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

```
.border{ border-color:rgb(145, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 155,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 145, 152, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 155, 149) }
```

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

```
.background{ background-color: rgb(145,  
155, 149) }
```

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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