

Converting Colors

`RYB(145, 169, 160)`

Have a look what the booklet for
RYB(145, 169, 160) contains.

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Color

R_YB(145, 169, 160)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9AA991 |
| RGB | 154, 169, 145 |
| RGB Percent | 60%, 66%, 57% |
| CMY | 0.3961, 0.3373, 0.4314 |
| CMYK | 0.09, 0.00, 0.14, 0.34 |
| HSL | 98°, 12%, 62% |
| HSV | 98°, 14%, 66% |
| XYZ | 32.6252, 37.2903, 32.2663 |
| YIQ | 161.7790, -1.2360, -10.6440 |

Conversions

Conversions Part 2

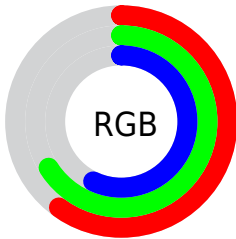
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 169, 160 |
| Decimal | 10135953 |
| CIELab | 67.49, -9.80, 10.62 |
| CIELCh | 67, 14.450, 132.720 |
| Yxy | 37.2903, 0.3193, 0.3649 |
| Android (android.graphics.Color) | 4288326033 (0xFF9AA991) |
| YUV | 161.7790, -8.2720, -6.8222 |
| Hunter-Lab | 61.0658, -11.4990, 11.4181 |

Details

The RYB color **145, 169, 160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 145, 169**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **199, 224, 215**, and **95, 117, 109** is the 20% darker color. If you saturate the color by 10%, you get **128, 169, 154**, and if you desaturate by 10%, it is **162, 169, 166**.

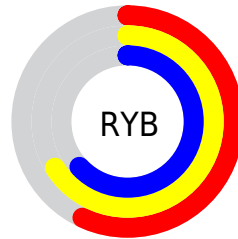
Distribution



Red (60%)

Green (66%)

Blue (57%)



Red (57%)

Yellow (66%)

Blue (63%)

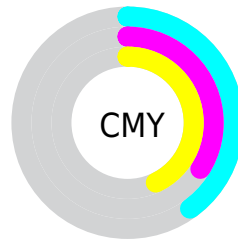


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 169, 160 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, 169, 160 by changing the saturation by 10% instead.

 145, 169, 160


255, 255, 255


 199, 224, 215

 227, 253, 243

 145, 169, 160

 119, 143, 134

 95, 117, 109


 71, 92, 84

 48, 69, 61

 27, 46, 39

 1, 26, 13


 0, 0, 0

 145, 169, 160


 128, 169, 154

 145, 169, 160


 162, 169, 166


 111, 169, 147


 175, 169, 179

 94, 169, 141


 186, 169, 196

 77, 169, 134


 196, 169, 213

 61, 169, 129


 207, 169, 229

 44, 169, 122

 217, 169, 246

 27, 169, 116

 228, 169, 255

 10, 169, 110

 238, 169, 255

 0, 169, 106

 249, 169, 255

Harmonies

Analogous

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



144, 169, 139



145, 169, 160



140, 160, 171

Triad

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



145, 169, 160



141, 158, 189



192, 155, 159

Complementary

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



145, 169, 160



160, 145, 169

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.



186, 156, 172



145, 169, 160



157, 163, 190

Square

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



145, 169, 160



132, 154, 182



174, 159, 184



190, 160, 147

Rectangle

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



145, 169, 160



134, 155, 172



174, 159, 184



191, 155, 164

Sweetspot

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



145, 169, 160



211, 219, 216



159, 169, 145



104, 110, 108



237, 237, 237



110, 110, 110

Same Dimension

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



145, 169, 160



182, 219, 205



145, 166, 169



76, 84, 81



0, 148, 93



0, 20, 12

Inverse Universe

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



160, 145, 169



205, 182, 219



169, 145, 166



81, 76, 84



92, 0, 148



13, 0, 20

Previews

White Background



This preview shows how the RYB color 145, 169, 160 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, 169, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

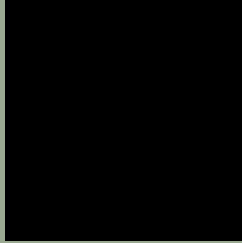
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

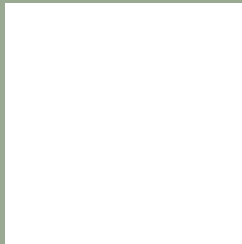
Any Text WCAG AAA ✓ Pass

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

RYB 145, 169, 160 Background



This preview shows how black text looks on a background with the RYB color 145, 169, 160.



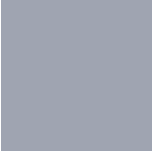
This preview shows how white text looks on a background with the RYB color 145, 169, 160.

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





Tritanopia
159, 163, 177

Trichromacy



Original Color
145, 169, 160

Protanomaly
143, 166, 144

Deuteranomaly
167, 174, 146

Tritanomaly
157, 162, 166

Monochromacy



Original Color
145, 169, 160

Achromatopsia
162, 162, 162

Achromatomaly
156, 165, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 169, 160 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(154, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(154, 169, 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(154, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 169, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 169, 160 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(154, 169, 145) }
```

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

```
.border{ border-color:rgb(154, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 169, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 169, 145); box-shadow:4px 4px 4px 4px rgb(154, 169, 145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 169, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 169, 145) }
```

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

```
.background{ background-color: rgb(154,  
169, 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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