Converting Colors

RYB(161, 165, 139)

Have a look what the booklet for RYB(161, 165, 139) contains.

Color

RYB(161, 165, 139)

Conversions

Conversions Part 1

Format	Color
Hex	A5998B
RGB	165, 153, 139
RGB Percent	65%, 60%, 55%
CMY	0.3529, 0.3997, 0.4549
CMYK	0.00, 0.07, 0.16, 0.35
HSL	33°, 13%, 60%
HSV	33°, 16%, 65%
XYZ	31.5821, 32.6732, 29.0681
YIQ	154.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

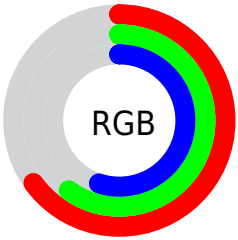
Format	Color
RYB	161, 165, 139
Decimal	10852747
CIELab	63.90, 1.94, 8.97
CIELCh	64, 9.178, 77.809
Yxy	32.6732, 0.3384, 0.3501
Android (android.graphics.Color)	4289042827 (0xFFA5998B)
YUV	154.9920, -7.8841, 8.7770
Hunter-Lab	57.1604, -1.4065, 9.8613

Details

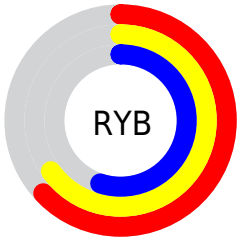
The RYB color 161, 165, 139 is a light color, and the websafe version is hex 999999. A complement of this color would be 139, 147, 165, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 216, 220, 192, and 109, 113, 89 is the 20% darker color. If you saturate the color by 10%, you get 156, 165, 122, and if you desaturate by 10%, it is 162, 165, 155.

Distribution

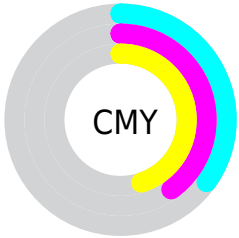


- Red (65%)
- Green (60%)
- Blue (55%)



- Red (63%)
- Yellow (65%)
- Blue (55%)

- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 165, 139 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 161, 165, 139 by changing the saturation by 10% instead.

161, 165, 139	161, 165, 139
255, 255, 255	137, 139, 114
216, 220, 192	109, 113, 89
244, 249, 220	84, 88, 66
249, 255, 249	63, 65, 44
	37, 42, 23
	18, 22, 0
	0, 0, 0

161, 165, 139	161, 165, 139
156, 165, 122	162, 165, 155

156, 165, 106	165, 167, 172
154, 165, 89	165, 172, 188
150, 165, 73	165, 177, 205
148, 165, 56	165, 183, 221
145, 165, 40	165, 188, 238
143, 165, 23	165, 193, 254
139, 165, 7	165, 197, 255
141, 165, 0	165, 200, 255

Harmonies

Analogous

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

171, 154, 143

161, 165, 139

139, 156, 139

Triad

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

161, 165, 139

135, 148, 160

162, 151, 166

Complementary

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

161, 165, 139

139, 147, 165

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, 154, 170

161, 165, 139

136, 149, 167

Square

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

161, 165, 139

139, 152, 159

143, 152, 171

170, 150, 158

Rectangle

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

161, 165, 139

142, 157, 149

143, 152, 171

159, 152, 168

Sweetspot

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

161, 165, 139

212, 214, 203

165, 139, 151

107, 107, 101

235, 235, 235

107, 107, 107

Same Dimension

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

161, 165, 139

207, 214, 174

139, 165, 140

80, 82, 73

121, 145, 0

14, 18, 0

Inverse Universe

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

139, 147, 165

174, 186, 214

140, 139, 165

73, 76, 82

0, 46, 145

0, 6, 18

Previews

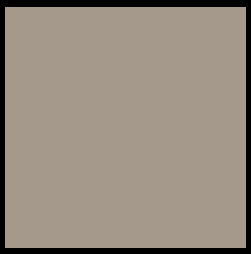
White Background

This preview shows how the RYB color 161, 165, 139 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



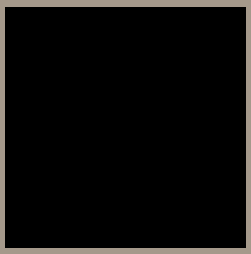
This preview shows how the RYB color 161, 165, 139 looks on a black background.

Color Contrast Check

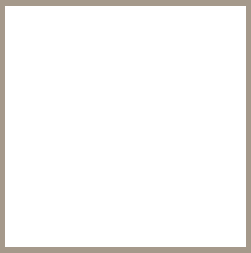
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 161, 165, 139 Background



This preview shows how black text looks on a background with the RYB color 161, 165, 139.



This preview shows how white text looks on a background with the RYB color 161, 165, 139.

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

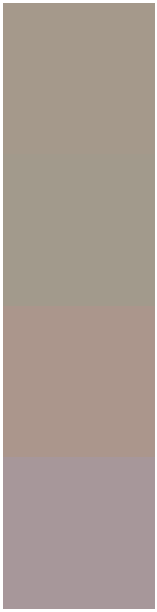
Original Color
161, 165, 139

Protanopia
151, 161, 140

Deuteranopia
175, 152, 140

Tritanopia
168, 150, 162

Trichromacy



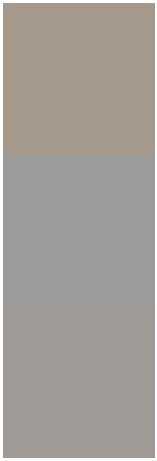
Original Color
161, 165, 139

Protanomaly
153, 162, 140

Deuteranomaly
171, 155, 140

Tritanomaly
167, 151, 154

Monochromacy



Original Color
161, 165, 139

Achromatopsia
155, 155, 155

Achromatomaly
159, 159, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 165, 139 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(165, 153, 139) looks like.

```
.text, #text, p{
    color:rgb(165, 153, 139)
}
```

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(165, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 139) }
```

Border

The CSS property to change the border of an element to RYB 161, 165, 139 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(165, 153, 139) }
```

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

```
.border{ border-color:rgb(165, 153, 139) }
```

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

Here you see how a box with a 4 pixel rgb(165, 153, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 153, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 153, 139); box-shadow:4px 4px 4px 4px rgb(165, 153, 139) }
```

Background

The CSS property to change the background color of an element to RYB 161, 165, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(165, 153, 139) }
```

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

```
.background{ background-color:rgb(165,
153, 139) }
```

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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