Converting Colors

RGB(172, 186, 155)

Have a look what the booklet for RGB(172, 186, 155) contains.

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Color

RGB(172, 186, 155)

Conversions

Conversions Part 1

Format	Color
Hex	ACBA9B
RGB	172, 186, 155
RGB Percent	67%, 73%, 61%
CMY	0.3255, 0.2706, 0.3922
CMYK	0.08, 0.00, 0.17, 0.27
HSL	87°, 18%, 67%
HSV	87°, 17%, 73%
XYZ	40.4886, 46.2550, 37.8045
YIQ	178.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

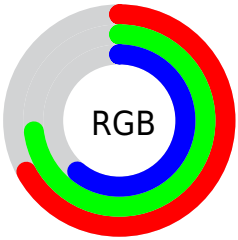
Format	Color
RYB	155, 186, 169
Decimal	11319963
CIELab	73.71, -10.47, 14.10
CIELCh	74, 17.566, 126.589
Yxy	46.2550, 0.3251, 0.3714
Android (android.graphics.Color)	4289510043 (0xFFACBA9B)
YUV	178.2800, -11.4770, -5.5076
Hunter-Lab	68.0110, -12.7541, 14.6509

Details

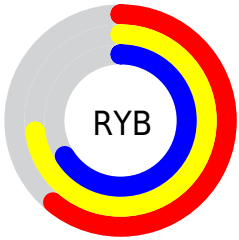
The RGB color 172, 186, 155 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 169, 155, 186, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 228, 242, 209, and 120, 133, 104 is the 20% darker color. If you saturate the color by 10%, you get 164, 186, 136, and if you desaturate by 10%, it is 180, 186, 174.

Distribution

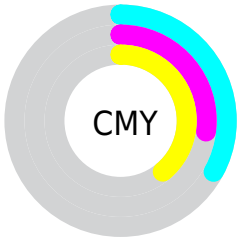


- Red (67%)
- Green (73%)
- Blue (61%)



- Red (61%)
- Yellow (73%)
- Blue (66%)

- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 186, 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 RGB color 172, 186, 155 by changing the saturation by 10% instead.

172, 186, 155

255, 255, 255

228, 242, 209

255, 255, 238

172, 186, 155

145, 159, 129

120, 133, 104

95, 108, 80

71, 83, 57

48, 60, 35

27, 38, 14

0, 19, 0

0, 0, 0

172, 186, 155

172, 186, 155

164, 186, 136	180, 186, 174
155, 186, 118	189, 186, 192
147, 186, 99	197, 186, 211
138, 186, 81	206, 186, 229
130, 186, 62	214, 186, 248
122, 186, 43	222, 186, 255
113, 186, 25	231, 186, 255
105, 186, 6	239, 186, 255
102, 186, 0	248, 186, 255

Harmonies

Analogous

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

190, 181, 149

172, 186, 155

154, 189, 168

Triad

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

172, 186, 155

149, 186, 210

214, 170, 178

Complementary

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

172, 186, 155

169, 155, 186

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.

205, 172, 194

172, 186, 155

168, 181, 213

Square

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

172, 186, 155

139, 190, 200

189, 176, 207

214, 172, 163

Rectangle

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

172, 186, 155

145, 190, 179

189, 176, 207

212, 170, 184

Sweetspot

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

172, 186, 155

237, 242, 230

186, 169, 155

119, 122, 115

250, 250, 250

122, 122, 122

Same Dimension

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

172, 186, 155

220, 242, 194

157, 186, 155

88, 92, 83

85, 156, 0

15, 28, 0

Inverse Universe

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

169, 155, 186

216, 194, 242

184, 155, 186

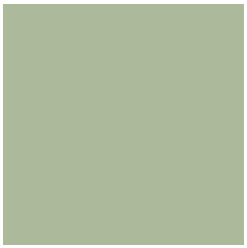
87, 83, 92

70, 0, 156

13, 0, 28

Previews

White Background

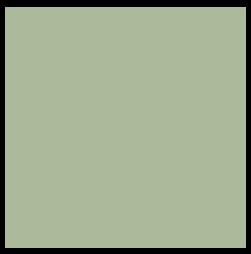


This preview shows how the RGB color 172, 186, 155 looks on a white background.

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



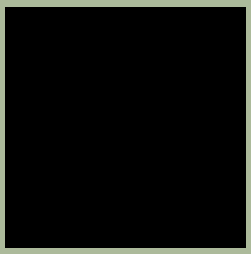
This preview shows how the RGB color 172, 186, 155 looks on a black background.

Color Contrast Check

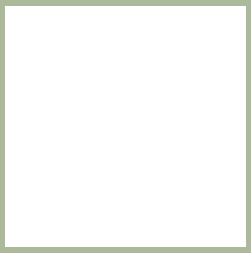
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 172, 186, 155 Background



This preview shows how black text looks on a background with the RGB color 172, 186, 155.



This preview shows how white text looks on a background with the RGB color 172, 186, 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

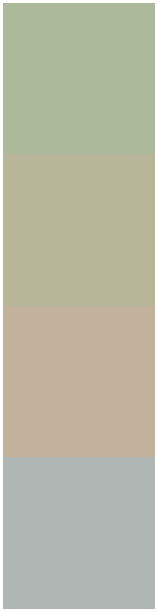
Original Color
172, 186, 155

Protanopia
191, 180, 152

Deuteranopia
207, 174, 157

Tritanopia
178, 180, 195

Trichromacy



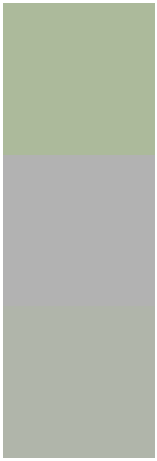
Original Color
172, 186, 155

Protanomaly
184, 182, 153

Deuteranomaly
194, 178, 156

Tritanomaly
176, 182, 180

Monochromacy



Original Color
172, 186, 155

Achromatopsia
178, 178, 178

Achromatomaly
176, 181, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 186, 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(172, 186, 155) looks like.

```
.text, #text, p{
    color:rgb(172, 186, 155)
}
```

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(172, 186, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 155) }
```

Border

The CSS property to change the border of an element to RGB 172, 186, 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(172, 186, 155) }
```

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

```
.border{ border-color:rgb(172, 186, 155) }
```

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

Here you see how a box with a 4 pixel rgb(172, 186, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 186, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 186, 155); box-shadow:4px 4px 4px 4px rgb(172, 186, 155) }
```

Background

The CSS property to change the background color of an element to RGB 172, 186, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(172, 186, 155) }
```

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

```
.background{ background-color:rgb(172,
186, 155) }
```

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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