Converting Colors

RYB(164, 182, 172)

Have a look what the booklet for RYB(164, 182, 172) contains.

Color

RYB(164, 182, 172)

Conversions

Format	Color
Hex	AEB6A4
RGB	174, 182, 164
RGB Percent	68%, 71%, 64%
CMY	0.3176, 0.2863, 0.3569
CMYK	0.04, 0.00, 0.10, 0.29
HSL	87°, 11%, 68%
HSV	87°, 10%, 71%
XYZ	40.8843, 45.1349, 41.6790
YIQ	177.5560, 1.0100, -7.2940

Conversions Part 1

Conversions

Conversions Part 2

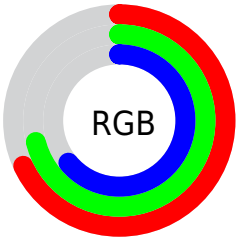
Format	Color
RYB	164, 182, 172
Decimal	11450020
CIELab	72.98, -6.10, 8.20
CIELCh	73, 10.220, 126.658
Yxy	45.1349, 0.3202, 0.3534
Android (android.graphics.Color)	4289640100 (0xFFAEB6A4)
YUV	177.5560, -6.6831, -3.1186
Hunter-Lab	67.1825, -8.9421, 10.2451

Details

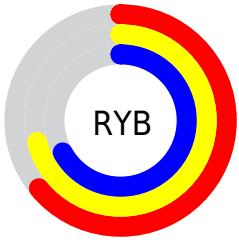
The RYB color 164, 182, 172 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 172, 164, 182, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 219, 238, 228, and 112, 129, 119 is the 20% darker color. If you saturate the color by 10%, you get 146, 182, 162, and if you desaturate by 10%, it is 182, 182, 182.

Distribution

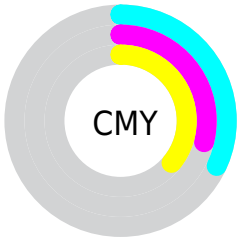


- Red (68%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (67%)

- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 182, 172 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 164, 182, 172 by changing the saturation by 10% instead.

164, 182, 172	164, 182, 172
255, 255, 255	138, 155, 146
219, 238, 228	112, 129, 119
247, 255, 247	88, 104, 95
	65, 80, 72
	42, 57, 49
	22, 36, 29
	0, 15, 14
	0, 0, 0

164, 182, 172	164, 182, 172

146, 182, 162	182, 182, 182
128, 182, 152	190, 182, 200
109, 182, 141	198, 182, 219
91, 182, 131	206, 182, 237
73, 182, 121	214, 182, 255
55, 182, 112	223, 182, 255
37, 182, 102	231, 182, 255
18, 182, 91	239, 182, 255
0, 182, 81	247, 182, 255

Harmonies

Analogous

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

169, 185, 161

164, 182, 172

164, 179, 184

Triad

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

164, 182, 172

162, 175, 196

199, 173, 177

Complementary

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

164, 182, 172

172, 164, 182

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.

193, 174, 187

164, 182, 172

172, 178, 198

Square

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

164, 182, 172

156, 171, 190

184, 176, 194

199, 175, 168

Rectangle

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

164, 182, 172

159, 174, 185

184, 176, 194

198, 173, 181

Sweetspot

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

164, 182, 172

230, 237, 233

182, 178, 164

115, 120, 117

247, 247, 247

120, 120, 120

Same Dimension

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

164, 182, 172

209, 237, 221

164, 182, 181

83, 92, 87

0, 156, 70

0, 28, 12

Inverse Universe

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

172, 164, 182

221, 209, 237

181, 164, 182

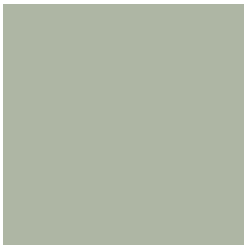
87, 83, 92

69, 0, 156

12, 0, 28

Previews

White Background

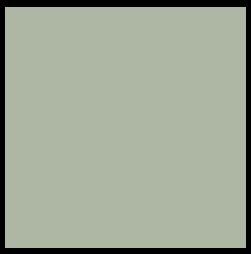


This preview shows how the RYB color 164, 182, 172 looks on a white background.

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



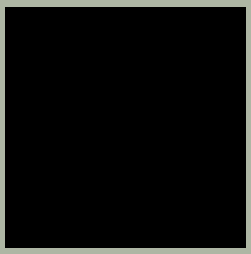
This preview shows how the RYB color 164, 182, 172 looks on a black background.

Color Contrast Check

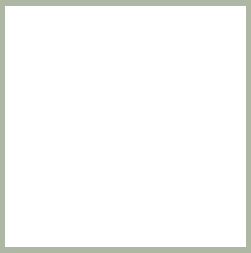
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 164, 182, 172 Background



This preview shows how black text looks on a background with the RYB color 164, 182, 172.



This preview shows how white text looks on a background with the RYB color 164, 182, 172.

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

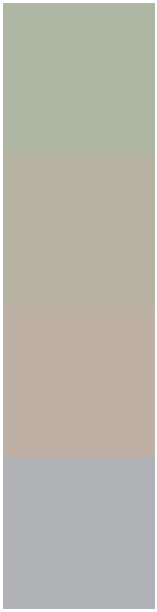
Original Color
164, 182, 172

Protanopia
174, 186, 162

Deuteranopia
201, 175, 166

Tritanopia
178, 178, 192

Trichromacy



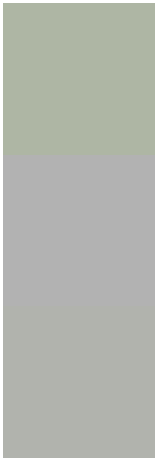
Original Color
164, 182, 172

Protanomaly
167, 182, 163

Deuteranomaly
191, 184, 165

Tritanomaly
177, 178, 182

Monochromacy



Original Color
164, 182, 172

Achromatopsia
178, 178, 178

Achromatomaly
173, 179, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 182, 172 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(174, 182, 164) looks like.

```
.text, #text, p{
    color:rgb(174, 182, 164)
}
```

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(174, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 182, 172 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(174, 182, 164) }
```

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

```
.border{ border-color:rgb(174, 182, 164) }
```

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

Here you see how a box with a 4 pixel rgb(174, 182, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 182, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 182, 164); box-shadow:4px 4px 4px 4px rgb(174, 182, 164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 182, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(174, 182, 164) }
```

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

```
.background{ background-color:rgb(174,
182, 164) }
```

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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