

Converting Colors

`RYB(155, 175, 146)`

Have a look what the booklet for
RYB(155, 175, 146) contains.

RYB(155, 175, 146)	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

R_YB(155, 175, 146)

Conversions

Conversions Part 1

Format	Color
Hex	AFA892
RGB	175, 168, 146
RGB Percent	69%, 66%, 57%
CMY	0.3137, 0.3407, 0.4275
CMYK	0.00, 0.04, 0.17, 0.31
HSL	46°, 15%, 63%
HSV	46°, 17%, 69%
XYZ	36.8944, 39.2432, 32.8243
YIQ	167.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

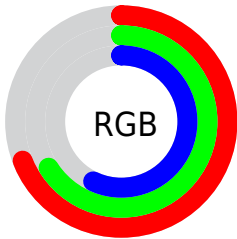
Format	Color
RYB	155, 175, 146
Decimal	11511954
CIELab	68.93, -1.33, 12.32
CIELCh	69, 12.393, 96.159
Yxy	39.2432, 0.3386, 0.3602
Android (android.graphics.Color)	4289702034 (0xFFAFA892)
YUV	167.5850, -10.6414, 6.5030
Hunter-Lab	62.6444, -4.4999, 12.7844

Details

The RYB color **155, 175, 146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 152, 175**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **211, 231, 200**, and **103, 122, 95** is the 20% darker color. If you saturate the color by 10%, you get **143, 175, 129**, and if you desaturate by 10%, it is **167, 175, 163**.

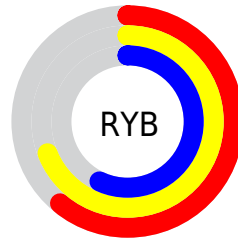
Distribution



Red (69%)

Green (66%)

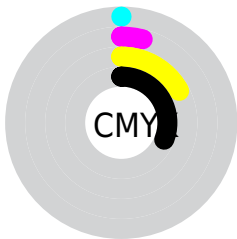
Blue (57%)



Red (61%)

Yellow (69%)

Blue (57%)

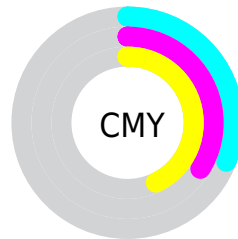


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 175, 146 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 155, 175, 146 by changing the saturation by 10% instead.

 155, 175, 146

255, 255, 255

 211, 231, 200

 231, 255, 228

 155, 175, 146

 128, 148, 120

 103, 122, 95

 78, 97, 72

 55, 73, 49


 33, 50, 28

 8, 30, 2

 0, 0, 0

 155, 175, 146

 143, 175, 129

 155, 175, 146

 167, 175, 163

■ 131, 175, 111

■ 175, 176, 181

■ 119, 175, 94

■ 175, 180, 199

■ 106, 175, 76

■ 175, 183, 216

■ 95, 175, 58

■ 175, 186, 234

■ 83, 175, 41

■ 175, 190, 251

■ 70, 175, 23

■ 175, 192, 255

■ 58, 175, 6

■ 175, 195, 255

■ 54, 175, 0

■ 175, 197, 255

Harmonies

Analogous

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



186, 176, 148



155, 175, 146



150, 172, 160

Triad

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



155, 175, 146



140, 159, 181



185, 162, 177

Complementary

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



155, 175, 146



146, 152, 175

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.



173, 165, 186



155, 175, 146



147, 163, 188

Square

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



155, 175, 146



142, 160, 175



159, 166, 190



192, 161, 166

Rectangle

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



155, 175, 146



154, 172, 173



159, 166, 190



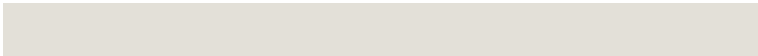
182, 162, 181

Sweetspot

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



155, 175, 146



220, 227, 216



175, 146, 153



111, 115, 108



242, 242, 242



115, 115, 115

Same Dimension

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



155, 175, 146



197, 227, 182



146, 175, 153



81, 87, 78



46, 150, 0



6, 23, 0

Inverse Universe

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



146, 152, 175



182, 190, 227



153, 146, 175



78, 80, 87



0, 29, 150



0, 4, 23

Previews

White Background



This preview shows how the RYB color 155, 175, 146 looks on a white background.

Color Contrast Check

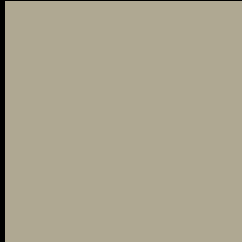
Large Text (above 18pt) WCAG AA × Fail

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 155, 175, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

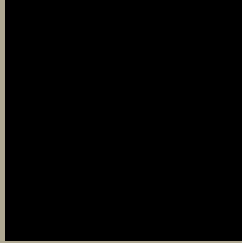
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

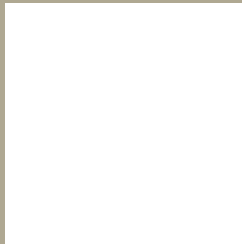
Any Text WCAG AAA ✓ Pass

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

R Y B 155, 175, 146 Background



This preview shows how black text looks on a background with the R Y B color 155, 175, 146.



This preview shows how white text looks on a background with the R Y B color 155, 175, 146.

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
155, 175, 146

Protanopia
157, 176, 146

Deuteranopia
192, 170, 147



Tritanopia
179, 164, 177

Trichromacy



Original Color

155, 175, 146

Protanomaly

157, 176, 146

Deuteranomaly

186, 177, 147

Tritanomaly

178, 166, 166

Monochromacy



Original Color

155, 175, 146

Achromatopsia

168, 168, 168

Achromatomaly

164, 171, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 175, 146 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(175, 168, 146) looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 146)  
}
```

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(175, 168, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 146) }
```

Border

The CSS property to change the border of an element to RYB 155, 175, 146 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(175, 168, 146) }
```

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

```
.border{ border-color:rgb(175, 168, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 146);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 155, 175, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 146) }
```

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

```
.background{ background-color: rgb(175,  
168, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor