

Converting Colors

`RYB(175, 141, 127)`

Have a look what the booklet for
RYB(175, 141, 127) contains.

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Color

R_YB(175, 141, 127)

Conversions

Conversions Part 1

Format	Color
Hex	AF8A7F
RGB	175, 138, 127
RGB Percent	69%, 54%, 50%
CMY	0.3137, 0.4595, 0.5020
CMYK	0.00, 0.21, 0.27, 0.31
HSL	14°, 23%, 59%
HSV	14°, 27%, 69%
XYZ	30.5753, 28.7770, 24.0217
YIQ	147.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

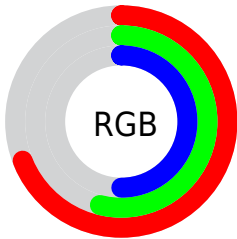
Format	Color
R_{YB}	175, 141, 127
Decimal	11504255
CIE Lab	60.58, 12.49, 11.19
CIE LCh	61, 16.771, 41.864
Yxy	28.7770, 0.3667, 0.3452
Android (android.graphics.Color)	4289694335 (0xFFAF8A7F)
YUV	147.8090, -10.2588, 23.8465
Hunter-Lab	53.6442, 7.8615, 11.0010

Details

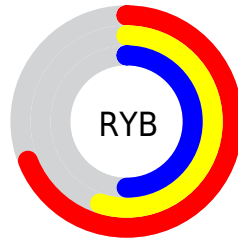
The RYB color **175, 141, 127** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 148, 175**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **231, 196, 180**, and **122, 91, 78** is the 20% darker color. If you saturate the color by 10%, you get **175, 128, 110**, and if you desaturate by 10%, it is **175, 153, 145**.

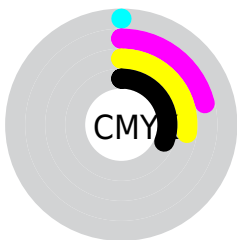
Distribution



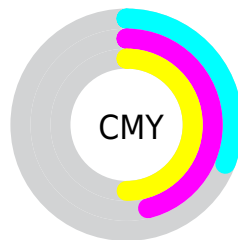
- Red (69%)
- Green (54%)
- Blue (50%)



- Red (69%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (46%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 141, 127 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 175, 141, 127 by changing the saturation by 10% instead.

 175, 141, 127

255, 255, 255

 231, 194, 180


 255, 223, 207


 246, 255, 235


 175, 141, 127

 148, 115, 102

 122, 91, 78

 96, 67, 55

 71, 44, 34

 48, 24, 12

 27, 0, 0


 0, 0, 0

 175, 141, 127

 175, 128, 110

 175, 141, 127

 175, 153, 145

 175, 117, 92

 175, 166, 162

 175, 103, 75

 175, 177, 180

 175, 92, 57

 175, 185, 197

 175, 79, 39

 175, 192, 215

 175, 67, 22

 175, 200, 232

 175, 55, 4

 175, 208, 250

 175, 52, 0

 175, 213, 255

 175, 215, 255

Harmonies

Analogous

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



177, 136, 141



175, 141, 127



166, 166, 118

Triad

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



175, 141, 127



119, 143, 154



137, 144, 175

Complementary

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



175, 141, 127



127, 148, 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.



118, 138, 174



175, 141, 127



108, 132, 155

Square

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



175, 141, 127



124, 151, 140



107, 133, 165



156, 140, 168

Rectangle

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



175, 141, 127



134, 157, 117



107, 133, 165



130, 142, 175

Sweetspot

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



175, 141, 127



227, 214, 209



175, 127, 165



115, 107, 103



242, 242, 242



115, 115, 115

Same Dimension

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



175, 141, 127



227, 174, 152



147, 175, 127



87, 81, 78



150, 44, 0



23, 6, 0

Inverse Universe

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



127, 148, 175



152, 185, 227



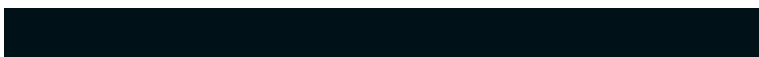
127, 138, 175



78, 82, 87



0, 65, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 175, 141, 127 looks on a white background.

Color Contrast Check

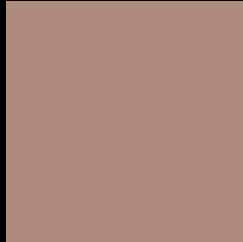
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 141, 127 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 × Fail

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

RYB 175, 141, 127 Background



This preview shows how black text looks on a background with the RYB color 175, 141, 127.



This preview shows how white text looks on a background with the RYB color 175, 141, 127.

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

175, 141, 127

Protanopia

141, 153, 131

Deuteranopia

168, 149, 126



Tritanopia
177, 135, 146

Trichromacy



Original Color

175, 141, 127

Protanomaly

161, 152, 130

Deuteranomaly

171, 146, 126

Tritanomaly

176, 136, 139

Monochromacy



Original Color

175, 141, 127

Achromatopsia

148, 148, 148

Achromatomaly

158, 145, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 141, 127 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, 138, 127) looks like.

```
.text, #text, p{  
    color:rgb(175, 138, 127)  
}
```

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, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 138, 127) }
```

Border

The CSS property to change the border of an element to RYB 175, 141, 127 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, 138, 127) }
```

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

```
.border{ border-color:rgb(175, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 138,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 175, 141, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 138, 127) }
```

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

```
.background{ background-color: rgb(175,  
138, 127) }
```

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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