

Converting Colors

`RYB(190, 174, 127)`

Have a look what the booklet for
RYB(190, 174, 127) contains.

RYB(190, 174, 127)	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(190, 174, 127)

Conversions

Conversions Part 1

Format	Color
Hex	BE9A7F
RGB	190, 154, 127
RGB Percent	75%, 60%, 50%
CMY	0.2549, 0.3964, 0.5020
CMYK	0.00, 0.19, 0.33, 0.25
HSL	26°, 33%, 62%
HSV	26°, 33%, 75%
XYZ	36.6081, 35.5637, 25.0137
YIQ	161.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

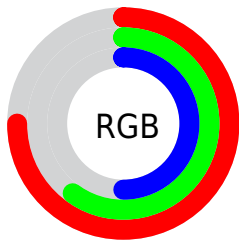
Format	Color
RYB	190, 174, 127
Decimal	12491391
CIELab	66.19, 9.54, 19.21
CIELCh	66, 21.448, 63.582
Yxy	35.5637, 0.3767, 0.3659
Android (android.graphics.Color)	4290681471 (0xFFBE9A7F)
YUV	161.6860, -17.1002, 24.8314
Hunter-Lab	59.6353, 5.2134, 16.8758

Details

The RYB color **190, 174, 127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 150, 190**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **247, 228, 180**, and **135, 123, 78** is the 20% darker color. If you saturate the color by 10%, you get **190, 169, 108**, and if you desaturate by 10%, it is **190, 179, 146**.

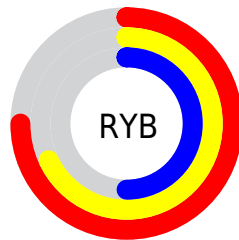
Distribution



Red (75%)

Green (60%)

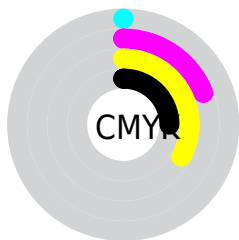
Blue (50%)



Red (75%)

Yellow (68%)

Blue (50%)

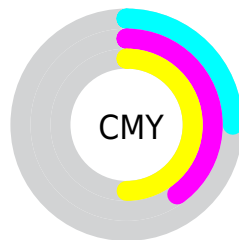


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 174, 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 190, 174, 127 by changing the saturation by 10% instead.


 190, 174, 127


255, 255, 255

 247, 228, 180

 236, 255, 207

 236, 255, 236

 190, 174, 127

 162, 148, 102

 135, 123, 78

 109, 98, 55

 84, 75, 33


 59, 55, 11


 37, 23, 0


 0, 0, 0

 190, 174, 127


 190, 169, 108


 190, 174, 127


 190, 179, 146


 190, 164, 89


 190, 185, 165

 190, 159, 70


 190, 190, 184

 190, 154, 51

 190, 195, 203

 190, 151, 32

 190, 202, 222

 190, 146, 13

 190, 208, 241

 190, 141, 0

 190, 215, 255

 190, 219, 255

 190, 222, 255

Harmonies

Analogous

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



200, 151, 140



190, 174, 127



141, 173, 123

Triad

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



190, 174, 127



112, 144, 172



167, 155, 193

Complementary

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



190, 174, 127



127, 150, 190

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.



141, 156, 199



190, 174, 127



106, 141, 181

Square

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



190, 174, 127



130, 160, 170



118, 148, 195



188, 150, 178

Rectangle

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



190, 174, 127



125, 164, 130



118, 148, 195



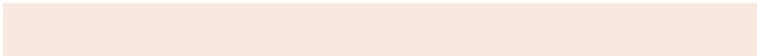
159, 157, 196

Sweetspot

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



190, 174, 127



247, 240, 223



190, 127, 164



125, 120, 110



252, 252, 252



125, 125, 125

Same Dimension

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



190, 174, 127



247, 224, 148



132, 190, 127



94, 92, 85



158, 119, 0



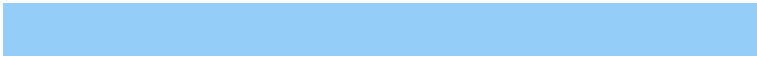
31, 22, 0

Inverse Universe

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



127, 150, 190



148, 184, 247



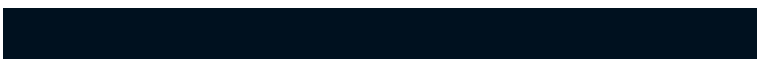
127, 132, 190



85, 88, 94



0, 58, 158



0, 11, 31

Previews

White Background



This preview shows how the RYB color 190, 174, 127 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 190, 174, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

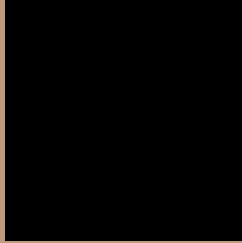
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 190, 174, 127 Background



This preview shows how black text looks on a background with the RYB color 190, 174, 127.



This preview shows how white text looks on a background with the RYB color 190, 174, 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

190, 174, 127

Protanopia

143, 171, 130

Deuteranopia

188, 179, 127



Tritanopia
194, 149, 161

Trichromacy



Original Color

190, 174, 127

Protanomaly

163, 178, 129

Deuteranomaly

189, 178, 127

Tritanomaly

193, 151, 149

Monochromacy



Original Color

190, 174, 127

Achromatopsia

162, 162, 162

Achromatomaly

172, 167, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 174, 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(190, 154, 127)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 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(190, 154, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 127) }
```

Border

The CSS property to change the border of an element to RYB 190, 174, 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(190, 154, 127) }
```

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

```
.border{ border-color:rgb(190, 154, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 127);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 190, 174, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 127) }
```

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

```
.background{ background-color: rgb(190,  
154, 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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