

Converting Colors

`RYB(187, 175, 132)`

Have a look what the booklet for
RYB(187, 175, 132) contains.

RYB(187, 175, 132)	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(187, 175, 132)

Conversions

Conversions Part 1

Format	Color
Hex	BB9C84
RGB	187, 156, 132
RGB Percent	73%, 61%, 52%
CMY	0.2667, 0.3877, 0.4824
CMYK	0.00, 0.17, 0.29, 0.27
HSL	26°, 29%, 63%
HSV	26°, 29%, 73%
XYZ	36.5691, 36.0522, 26.8612
YIQ	162.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

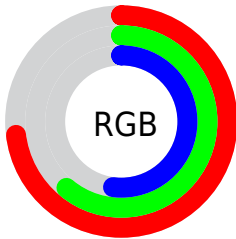
Format	Color
RYB	187, 175, 132
Decimal	12295300
CIELab	66.56, 7.80, 16.91
CIElCh	67, 18.621, 65.241
Yxy	36.0522, 0.3676, 0.3624
Android (android.graphics.Color)	4290485380 (0xFFBB9C84)
YUV	162.5330, -15.0528, 21.4576
Hunter-Lab	60.0435, 3.6382, 15.5064

Details

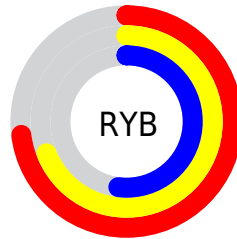
The RYB color **187, 175, 132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 152, 187**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **244, 228, 185**, and **133, 124, 82** is the 20% darker color. If you saturate the color by 10%, you get **187, 173, 113**, and if you desaturate by 10%, it is **187, 180, 151**.

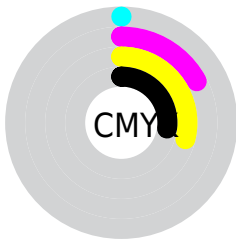
Distribution



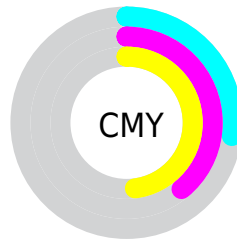
- Red (73%)
- Green (61%)
- Blue (52%)



- Red (73%)
- Yellow (69%)
- Blue (52%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (27%)



- Cyan (27%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 175, 132 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 187, 175, 132 by changing the saturation by 10% instead.

 187, 175, 132


255, 255, 255

 244, 231, 185

 239, 255, 213

 241, 255, 241

 187, 175, 132

 160, 148, 107

 133, 124, 82

 107, 100, 59

 82, 76, 37


 58, 52, 17

 36, 29, 0

 0, 0, 0

 187, 175, 132

 187, 173, 113

 187, 175, 132

 187, 180, 151


 187, 166, 95

 187, 183, 169

 187, 164, 76

 187, 188, 188

 187, 159, 57

 187, 194, 207

 187, 155, 39

 187, 201, 226

 187, 150, 20

 187, 207, 244

 187, 148, 1

 187, 213, 255

 187, 146, 0

 187, 217, 255

 187, 220, 255

Harmonies

Analogous

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



196, 154, 143



187, 175, 132



142, 172, 129

Triad

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



187, 175, 132



120, 148, 172



169, 157, 189

Complementary

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



187, 175, 132



132, 152, 187

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.



147, 158, 195



187, 175, 132



117, 146, 181

Square

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



187, 175, 132



134, 160, 170



127, 152, 192



186, 152, 176

Rectangle

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



187, 175, 132



131, 165, 136



127, 152, 192



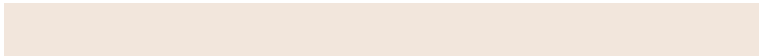
161, 159, 192

Sweetspot

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



187, 175, 132



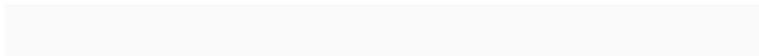
242, 238, 220



187, 132, 163



122, 120, 109



250, 250, 250



122, 122, 122

Same Dimension

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



187, 175, 132



242, 226, 157



136, 187, 132



94, 92, 85



158, 122, 0



31, 22, 0

Inverse Universe

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



132, 152, 187



157, 188, 242



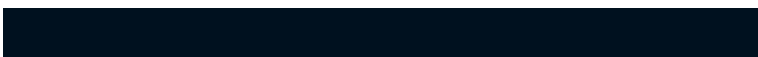
132, 136, 187



85, 88, 94



0, 57, 158



0, 11, 31

Previews

White Background



This preview shows how the RYB color 187, 175, 132 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 187, 175, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

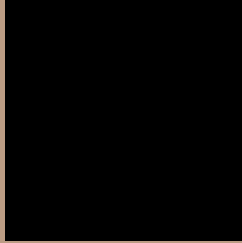
Any Text WCAG AA ✓ Pass

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 187, 175, 132 Background



This preview shows how black text looks on a background with the R Y B color 187, 175, 132.



This preview shows how white text looks on a background with the R Y B color 187, 175, 132.

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
187, 175, 132

Protanopia
147, 171, 135

Deuteranopia
188, 174, 132



Tritanopia
191, 152, 163

Trichromacy



Original Color
187, 175, 132

Protanomaly
162, 177, 134

Deuteranomaly
188, 174, 132

Tritanomaly
190, 154, 152

Monochromacy



Original Color
187, 175, 132

Achromatopsia
163, 163, 163

Achromatomaly
172, 168, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 175, 132 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(187, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 132)  
}
```

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(187, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 132) }
```

Border

The CSS property to change the border of an element to RYB 187, 175, 132 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(187, 156, 132) }
```

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

```
.border{ border-color:rgb(187, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 132);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 187, 175, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 132) }
```

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

```
.background{ background-color: rgb(187,  
156, 132) }
```

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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