

Converting Colors

`RYB(187, 154, 133)`

Have a look what the booklet for
RYB(187, 154, 133) contains.

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Color

R_YB(187, 154, 133)

Conversions

Conversions Part 1

Format	Color
Hex	BB9485
RGB	187, 148, 133
RGB Percent	73%, 58%, 52%
CMY	0.2667, 0.4191, 0.4784
CMYK	0.00, 0.21, 0.29, 0.27
HSL	17°, 28%, 63%
HSV	17°, 29%, 73%
XYZ	35.3359, 33.4757, 26.7894
YIQ	157.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

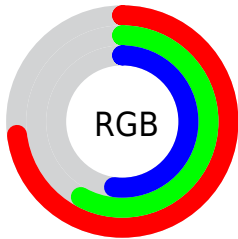
Format	Color
RYB	187, 154, 133
Decimal	12293253
CIELab	64.54, 12.35, 13.55
CIElCh	65, 18.332, 47.642
Yxy	33.4757, 0.3696, 0.3502
Android (android.graphics.Color)	4290483333 (0xFFBB9485)
YUV	157.9510, -12.3008, 25.4760
Hunter-Lab	57.8582, 7.7639, 13.0484

Details

The RYB color **187, 154, 133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 156, 187**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **244, 208, 186**, and **133, 102, 83** is the 20% darker color. If you saturate the color by 10%, you get **187, 143, 114**, and if you desaturate by 10%, it is **187, 166, 152**.

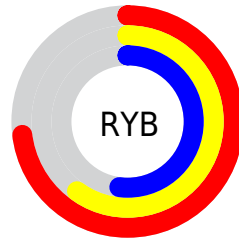
Distribution



Red (73%)

Green (58%)

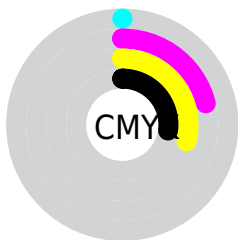
Blue (52%)



Red (73%)

Yellow (60%)

Blue (52%)

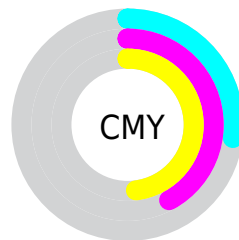


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (42%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 154, 133 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, 154, 133 by changing the saturation by 10% instead.

 187, 154, 133


255, 255, 255


 244, 208, 186

 255, 240, 214

 242, 255, 242

 187, 154, 133

 160, 127, 108

 133, 102, 83


 107, 78, 60


 82, 56, 38

 57, 33, 18


 36, 7, 0

 0, 0, 0

 187, 154, 133

 187, 143, 114

 187, 154, 133

 187, 166, 152

■ 187, 130, 96

■ 187, 177, 170

■ 187, 120, 77

■ 187, 188, 189

■ 187, 108, 58

■ 187, 196, 208

■ 187, 97, 40

■ 187, 203, 227

■ 187, 85, 21

■ 187, 211, 245

■ 187, 74, 2

■ 187, 217, 255

■ 187, 72, 0

■ 187, 221, 255

Harmonies

Analogous

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



191, 145, 147



187, 154, 133



167, 176, 125

Triad

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



187, 154, 133



123, 150, 166



151, 155, 188

Complementary

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



187, 154, 133



133, 156, 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.



129, 149, 188



187, 154, 133



113, 140, 166

Square

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



187, 154, 133



134, 163, 157



115, 143, 180



171, 149, 179

Rectangle

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



187, 154, 133



134, 165, 124



115, 143, 180



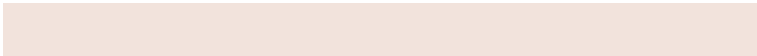
143, 154, 189

Sweetspot

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



187, 154, 133



242, 230, 220



187, 133, 173



122, 115, 109



250, 250, 250



122, 122, 122

Same Dimension

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



187, 154, 133



242, 190, 157



150, 187, 133



94, 90, 85



158, 61, 0



31, 13, 0

Inverse Universe

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



133, 156, 187



157, 193, 242



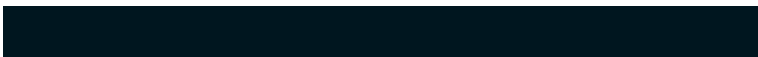
133, 143, 187



85, 89, 94



0, 66, 158



0, 13, 31

Previews

White Background



This preview shows how the RYB color 187, 154, 133 looks on a white background.

Color Contrast Check

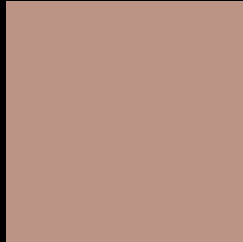
Large Text (above 18pt) WCAG AA × Fail

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, 154, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

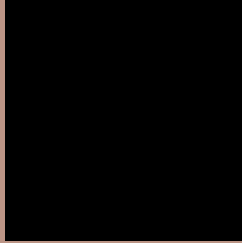
Any Text WCAG AA ✓ Pass

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 187, 154, 133 Background



This preview shows how black text looks on a background with the RYB color 187, 154, 133.



This preview shows how white text looks on a background with the RYB color 187, 154, 133.

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, 154, 133

Protanopia
148, 164, 137

Deuteranopia
180, 163, 132



Tritanopia

190, 145, 156

Trichromacy



Original Color
187, 154, 133

Protanomaly
172, 168, 136

Deuteranomaly
183, 160, 132

Tritanomaly
189, 146, 148

Monochromacy



Original Color
187, 154, 133

Achromatopsia
158, 158, 158

Achromatomaly
169, 156, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 154, 133 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, 148, 133)` looks like.

```
.text, #text, p{  
    color:rgb(187, 148, 133)  
}
```

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, 148, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 148, 133) }
```

Border

The CSS property to change the border of an element to RYB 187, 154, 133 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, 148, 133) }
```

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

```
.border{ border-color:rgb(187, 148, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 148, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 148, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 148, 133);  
box-shadow:4px 4px 4px 4px rgb(187, 148,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 187, 154, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 148, 133) }
```

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

```
.background{ background-color: rgb(187,  
148, 133) }
```

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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