

Converting Colors

`RYB(137, 185, 131)`

Have a look what the booklet for
RYB(137, 185, 131) contains.

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Color

R_YB(137, 185, 131)

Conversions

Conversions Part 1

Format	Color
Hex	B9B483
RGB	185, 180, 131
RGB Percent	73%, 71%, 51%
CMY	0.2745, 0.2957, 0.4863
CMYK	0.00, 0.03, 0.29, 0.27
HSL	54°, 28%, 62%
HSV	54°, 29%, 73%
XYZ	40.3449, 44.4342, 27.9230
YIQ	175.9090, 18.7090, -14.1790

Conversions

Conversions Part 2

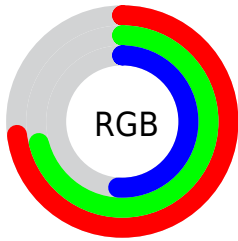
Format	Color
RYB	137, 185, 131
Decimal	12170371
CIELab	72.52, -5.77, 25.55
CIELCh	73, 26.195, 102.734
Yxy	44.4342, 0.3580, 0.3943
Android (android.graphics.Color)	4290360451 (0xFFB9B483)
YUV	175.9090, -22.1401, 7.9728
Hunter-Lab	66.6590, -8.6173, 21.8251

Details

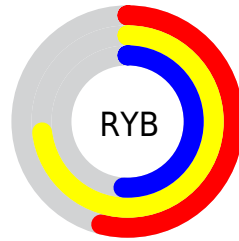
The RYB color **137, 185, 131** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **131, 136, 185**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **191, 242, 184**, and **85, 131, 81** is the 20% darker color. If you saturate the color by 10%, you get **121, 185, 113**, and if you desaturate by 10%, it is **154, 185, 149**.

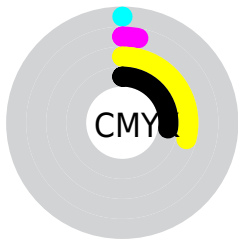
Distribution



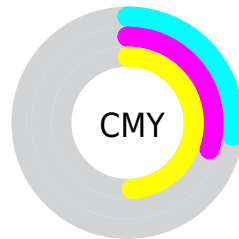
- Red (73%)
- Green (71%)
- Blue (51%)



- Red (54%)
- Yellow (73%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 185, 131 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 137, 185, 131 by changing the saturation by 10% instead.


 137, 185, 131


255, 255, 255

 192, 242, 184


 212, 255, 212

 241, 255, 241

 137, 185, 131


 112, 158, 106

 85, 131, 81

 61, 105, 58


 38, 81, 35


 15, 57, 13


 1, 35, 0

 0, 13, 13


 0, 0, 0


 137, 185, 131

 137, 185, 131

 121, 185, 113


 154, 185, 149

 104, 185, 94


 170, 185, 168

 87, 185, 75

 185, 185, 187

 71, 185, 57


 185, 187, 205

 56, 185, 39

 185, 189, 223

 38, 185, 20

 185, 190, 242

 21, 185, 1

 185, 192, 255

 20, 185, 0

 185, 193, 255

 185, 195, 255

Harmonies

Analogous

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



202, 208, 133



137, 185, 131



142, 186, 170

Triad

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



137, 185, 131



109, 154, 210



217, 162, 193

Complementary

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



137, 185, 131



131, 136, 185

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.



194, 168, 213



137, 185, 131



130, 164, 223

Square

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



137, 185, 131



111, 152, 191



163, 174, 224



227, 161, 168

Rectangle

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



137, 185, 131



140, 178, 189



163, 174, 224



211, 164, 200

Sweetspot

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



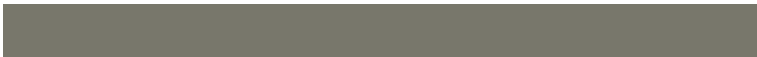
137, 185, 131



220, 240, 218



185, 131, 136



108, 120, 107



247, 247, 247



120, 120, 120

Same Dimension

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



137, 185, 131



166, 240, 156



131, 185, 153



84, 92, 83



18, 156, 0



3, 28, 0

Inverse Universe

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



131, 136, 185



156, 163, 240



153, 131, 185



83, 84, 92



0, 15, 156



0, 3, 28

Previews

White Background



This preview shows how the RYB color 137, 185, 131 looks on a white background.

Color Contrast Check

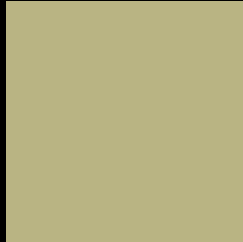
Large Text (above 18pt) WCAG AA × Fail

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 137, 185, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

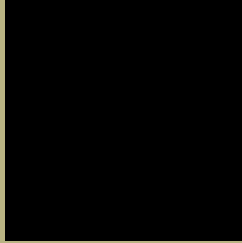
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

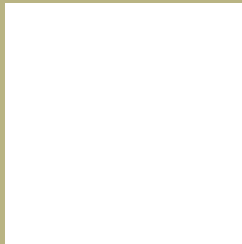
Any Text WCAG AAA ✓ Pass

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

RYB 137, 185, 131 Background



This preview shows how black text looks on a background with the RYB color 137, 185, 131.



This preview shows how white text looks on a background with the RYB color 137, 185, 131.

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
137, 185, 131

Protanopia
147, 191, 130

Deuteranopia
210, 204, 133



Tritanopia
192, 172, 186

Trichromacy



Original Color
137, 185, 131

Protanomaly
142, 189, 130

Deuteranomaly
179, 201, 132

Tritanomaly
189, 181, 166

Monochromacy



Original Color
137, 185, 131

Achromatopsia
176, 176, 176

Achromatomaly
162, 179, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 185, 131 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(185, 180, 131)` looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 131)  
}
```

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(185, 180, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 131) }
```

Border

The CSS property to change the border of an element to RYB 137, 185, 131 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(185, 180, 131) }
```

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

```
.border{ border-color:rgb(185, 180, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 180, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 131);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 137, 185, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 131) }
```

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

```
.background{ background-color: rgb(185,  
180, 131) }
```

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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