

Converting Colors

`RYB(178, 185, 133)`

Have a look what the booklet for
RYB(178, 185, 133) contains.

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Color

R_YB(178, 185, 133)

Conversions

Conversions Part 1

Format	Color
Hex	B9A185
RGB	185, 161, 133
RGB Percent	73%, 63%, 52%
CMY	0.2745, 0.3691, 0.4784
CMYK	0.00, 0.13, 0.28, 0.27
HSL	32°, 27%, 62%
HSV	32°, 28%, 73%
XYZ	36.9645, 37.4543, 27.4715
YIQ	164.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

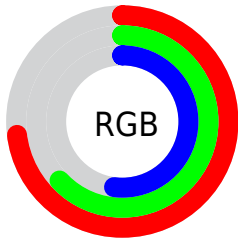
Format	Color
RYB	178, 185, 133
Decimal	12165509
CIELab	67.62, 4.55, 17.79
CIELCh	68, 18.361, 75.652
Yxy	37.4543, 0.3628, 0.3676
Android (android.graphics.Color)	4290355589 (0xFFB9A185)
YUV	164.9840, -15.7681, 17.5540
Hunter-Lab	61.1999, 0.7135, 16.2258

Details

The RYB color **178, 185, 133** is a light color, and the websafe version is hex **999966**. A complement of this color would be **133, 149, 185**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **235, 242, 186**, and **120, 131, 83** is the 20% darker color. If you saturate the color by 10%, you get **177, 185, 115**, and if you desaturate by 10%, it is **183, 185, 152**.

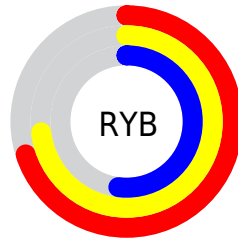
Distribution



Red (73%)

Green (63%)

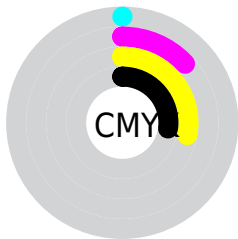
Blue (52%)



Red (70%)

Yellow (73%)

Blue (52%)

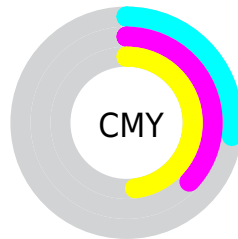


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 185, 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 178, 185, 133 by changing the saturation by 10% instead.

 178, 185, 133

255, 255, 255

 235, 242, 186

 229, 255, 214

 242, 255, 242

 178, 185, 133

 151, 158, 108

 124, 131, 83

 96, 105, 60

 72, 81, 38

 47, 57, 17

 26, 35, 0

 0, 0, 0

 178, 185, 133

 177, 185, 115

 178, 185, 133

 183, 185, 152

 172, 185, 96

 183, 185, 170

 172, 185, 78

 185, 186, 189

 166, 185, 59

 185, 192, 207

 166, 185, 41

 185, 198, 226

 164, 185, 22

 185, 204, 244

 161, 185, 4

 185, 209, 255

 161, 185, 0

 185, 212, 255

 185, 215, 255

Harmonies

Analogous

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



196, 161, 142



178, 185, 133



135, 168, 133

Triad

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



178, 185, 133



121, 148, 174



178, 158, 188

Complementary

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



178, 185, 133



133, 149, 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.



157, 162, 196



178, 185, 133



122, 150, 188

Square

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



178, 185, 133



132, 159, 174



136, 157, 196



193, 154, 173

Rectangle

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



178, 185, 133



138, 170, 152



136, 157, 196



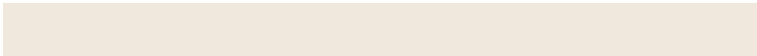
172, 159, 192

Sweetspot

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



178, 185, 133



238, 240, 221



185, 133, 157



120, 120, 108



247, 247, 247



120, 120, 120

Same Dimension

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



178, 185, 133



229, 240, 158



133, 185, 135



90, 92, 83



137, 156, 0



24, 28, 0

Inverse Universe

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



133, 149, 185



158, 184, 240



135, 133, 185



83, 86, 92



0, 49, 156



0, 9, 28

Previews

White Background



This preview shows how the RYB color 178, 185, 133 looks on a white background.

Color Contrast Check

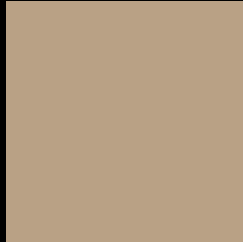
Large Text (above 18pt) WCAG AA × Fail

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 178, 185, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

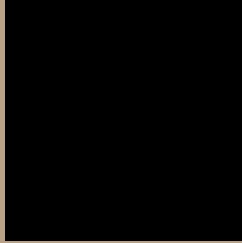
Any Text WCAG AA ✓ Pass

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 178, 185, 133 Background



This preview shows how black text looks on a background with the RYB color 178, 185, 133.



This preview shows how white text looks on a background with the RYB color 178, 185, 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


178, 185, 133

Protanopia

148, 174, 135

Deuteranopia

191, 175, 134



Tritanopia
189, 156, 168

Trichromacy



Original Color
178, 185, 133

Protanomaly
157, 178, 134

Deuteranomaly
189, 180, 134

Tritanomaly
188, 158, 155

Monochromacy



Original Color
178, 185, 133

Achromatopsia
165, 165, 165

Achromatomaly
167, 172, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 185, 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(185, 161, 133)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 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(185, 161, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 133) }
```

Border

The CSS property to change the border of an element to RYB 178, 185, 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(185, 161, 133) }
```

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

```
.border{ border-color:rgb(185, 161, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 161, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 133);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 178, 185, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 133) }
```

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

```
.background{ background-color: rgb(185,  
161, 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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