

Converting Colors

`RYB(186, 162, 136)`

Have a look what the booklet for
RYB(186, 162, 136) contains.

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Color

R_YB(186, 162, 136)

Conversions

Conversions Part 1

Format	Color
Hex	BA9988
RGB	186, 153, 136
RGB Percent	73%, 60%, 53%
CMY	0.2706, 0.3996, 0.4667
CMYK	0.00, 0.18, 0.27, 0.27
HSL	21°, 27%, 63%
HSV	21°, 27%, 73%
XYZ	36.1021, 35.0336, 28.1519
YIQ	160.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

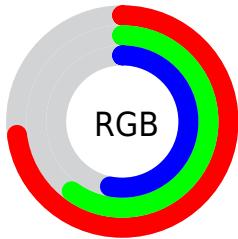
Format	Color
RYB	186, 162, 136
Decimal	12229000
CIELab	65.77, 9.63, 13.58
CIELCh	66, 16.645, 54.662
Yxy	35.0336, 0.3636, 0.3528
Android (android.graphics.Color)	4290419080 (0xFFBA9988)
YUV	160.9290, -12.2900, 21.9873
Hunter-Lab	59.1892, 5.2939, 13.2326

Details

The RYB color **186, 162, 136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **136, 156, 186**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **243, 216, 189**, and **132, 111, 86** is the 20% darker color. If you saturate the color by 10%, you get **186, 154, 117**, and if you desaturate by 10%, it is **186, 170, 155**.

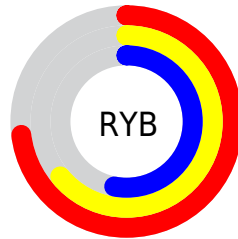
Distribution



Red (73%)

Green (60%)

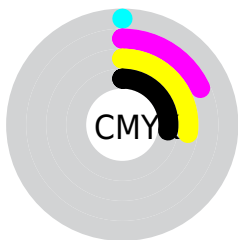
Blue (53%)



Red (73%)

Yellow (64%)

Blue (53%)

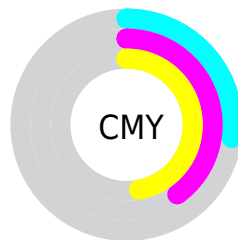


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 162, 136 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 186, 162, 136 by changing the saturation by 10% instead.

 186, 162, 136


255, 255, 255

 243, 216, 189

 255, 255, 217


 246, 255, 246

 186, 162, 136

 159, 135, 111

 132, 111, 86

 106, 86, 63

 81, 63, 41

 57, 43, 20


 36, 18, 0

 0, 0, 0

 186, 162, 136

 186, 154, 117

 186, 162, 136

 186, 170, 155

186, 145, 99

186, 181, 173

186, 135, 80

186, 188, 192

186, 126, 62

186, 196, 210

186, 118, 43

186, 203, 229

186, 110, 24

186, 211, 248

186, 98, 6

186, 216, 255

186, 98, 0

186, 219, 255

186, 221, 255

Harmonies

Analogous

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



191, 150, 148



186, 162, 136



155, 174, 130

Triad

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



186, 162, 136



127, 151, 168



159, 157, 187

Complementary

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



186, 162, 136



136, 156, 186

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.



140, 155, 189



186, 162, 136



120, 145, 172

Square

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



186, 162, 136



141, 165, 166



125, 149, 184



177, 152, 177

Rectangle

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



186, 162, 136



134, 164, 131



125, 149, 184



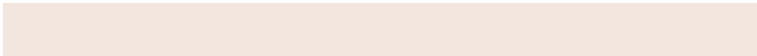
153, 158, 188

Sweetspot

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



186, 162, 136



242, 234, 223



186, 136, 169



122, 116, 110



250, 250, 250



122, 122, 122

Same Dimension

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



186, 162, 136



242, 204, 165



146, 186, 136



92, 88, 83



156, 80, 0



28, 16, 0

Inverse Universe

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



136, 156, 186



165, 196, 242



136, 143, 186



83, 87, 92



0, 62, 156



0, 11, 28

Previews

White Background



This preview shows how the RYB color 186, 162, 136 looks on a white background.

Color Contrast Check

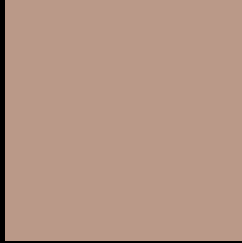
Large Text (above 18pt) WCAG AA × Fail

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 186, 162, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

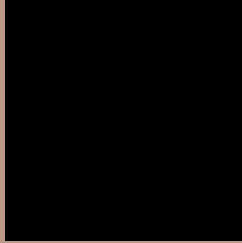
Any Text WCAG AA ✓ Pass

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 186, 162, 136 Background



This preview shows how black text looks on a background with the RYB color 186, 162, 136.



This preview shows how white text looks on a background with the RYB color 186, 162, 136.

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
186, 162, 136

Protanopia
150, 168, 139

Deuteranopia
184, 165, 136



Tritanopia
189, 149, 161

Trichromacy



Original Color

186, 162, 136

Protanomaly

173, 175, 138

Deuteranomaly

185, 164, 136

Tritanomaly

188, 150, 152

Monochromacy



Original Color

186, 162, 136

Achromatopsia

161, 161, 161

Achromatomaly

170, 161, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 162, 136 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(186, 153, 136) looks like.

```
.text, #text, p{  
    color:rgb(186, 153, 136)  
}
```

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(186, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 136) }
```

Border

The CSS property to change the border of an element to RYB 186, 162, 136 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(186, 153, 136) }
```

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

```
.border{ border-color:rgb(186, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(186, 153,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 186, 162, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 153, 136) }
```

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

```
.background{ background-color: rgb(186,  
153, 136) }
```

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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