

Converting Colors

`RYB(185, 163, 142)`

Have a look what the booklet for
RYB(185, 163, 142) contains.

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Color

$\text{RYB}(185, 163, 142)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B99C8E |
| RGB | 185, 156, 142 |
| RGB Percent | 73%, 61%, 56% |
| CMY | 0.2745, 0.3878, 0.4431 |
| CMYK | 0.00, 0.16, 0.23, 0.27 |
| HSL | 20°, 23%, 64% |
| HSV | 20°, 23%, 73% |
| XYZ | 36.7969, 36.0809, 30.6161 |
| YIQ | 163.0750, 21.7780, 1.7940 |

Conversions

Conversions Part 2

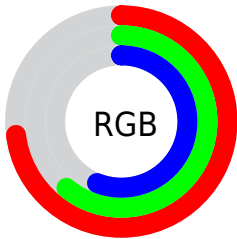
| Format | Color |
|-------------------------------------|---|
| RYB | 185, 163, 142 |
| Decimal | 12164238 |
| CIELab | 66.58, 8.46, 11.36 |
| CIElCh | 67, 14.159, 53.321 |
| Yxy | 36.0809, 0.3555, 0.3486 |
| Android (android.graphics.Color) | 4290354318 (0xFFB99C8E) |
| YUV | 163.0750, -10.3900, 19.2282 |
| Hunter-Lab | 60.0674, 4.2299, 11.8273 |

Details

The RYB color **185, 163, 142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **142, 159, 185**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **242, 216, 196**, and **131, 112, 92** is the 20% darker color. If you saturate the color by 10%, you get **185, 154, 124**, and if you desaturate by 10%, it is **185, 173, 161**.

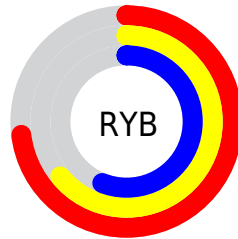
Distribution



Red (73%)

Green (61%)

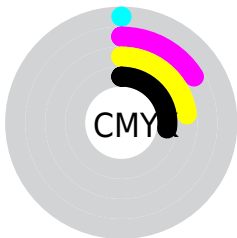
Blue (56%)



Red (73%)

Yellow (64%)

Blue (56%)

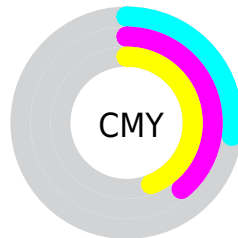


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 163, 142 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 185, 163, 142 by changing the saturation by 10% instead.

 185, 163, 142

255, 255, 255

 242, 218, 196


 255, 253, 224


252, 255, 252

 185, 163, 142

 185, 154, 124

 185, 163, 142

 158, 137, 116


 131, 112, 92


 106, 88, 68

 81, 64, 46

 57, 42, 25

 36, 26, 0

 0, 0, 0

 185, 163, 142

 185, 173, 161

■ 185, 144, 105

■ 185, 182, 179

■ 185, 136, 86

■ 185, 190, 197

■ 185, 124, 68

■ 185, 198, 216

■ 185, 115, 50

■ 185, 205, 235

■ 185, 107, 31

■ 185, 212, 253

■ 185, 97, 12

■ 185, 217, 255

■ 185, 91, 0

■ 185, 220, 255

Harmonies

Analogous

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



189, 154, 152



185, 163, 142



162, 175, 137

Triad

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



185, 163, 142



135, 155, 169



161, 160, 185

Complementary

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



185, 163, 142



142, 159, 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.



145, 158, 187



185, 163, 142



129, 149, 171

Square

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



185, 163, 142



146, 167, 166



133, 153, 182



176, 156, 177

Rectangle

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



185, 163, 142



140, 166, 137



133, 153, 182



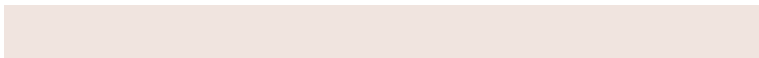
155, 160, 186

Sweetspot

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



185, 163, 142



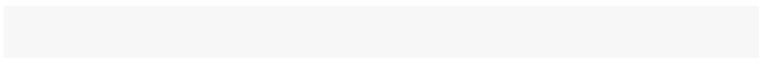
240, 230, 223



185, 142, 171



120, 114, 110



247, 247, 247



120, 120, 120

Same Dimension

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



185, 163, 142



240, 206, 173



152, 185, 142



92, 88, 83



156, 76, 0



28, 13, 0

Inverse Universe

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



142, 159, 185



173, 200, 240



142, 149, 185



83, 87, 92



0, 63, 156



0, 11, 28

Previews

White Background



This preview shows how the RYB color 185, 163, 142 looks on a white background.

Color Contrast Check

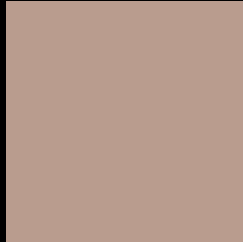
Large Text (above 18pt) WCAG AA × Fail

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 185, 163, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

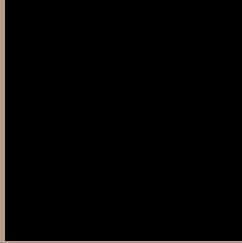
Any Text WCAG AA ✓ Pass

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 185, 163, 142 Background



This preview shows how black text looks on a background with the RYB color 185, 163, 142.



This preview shows how white text looks on a background with the RYB color 185, 163, 142.

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


185, 163, 142

Protanopia

155, 169, 145

Deuteranopia

185, 163, 142



Tritanopia
188, 153, 165

Trichromacy



Original Color

185, 163, 142

Protanomaly

173, 175, 144

Deuteranomaly

185, 163, 142

Tritanomaly

187, 154, 157

Monochromacy



Original Color

185, 163, 142

Achromatopsia

163, 163, 163

Achromatomaly

171, 162, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 163, 142 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, 156, 142) looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 142)  
}
```

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, 156, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 142) }
```

Border

The CSS property to change the border of an element to RYB 185, 163, 142 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, 156, 142) }
```

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

```
.border{ border-color:rgb(185, 156, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 156, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 142);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 185, 163, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 142) }
```

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

```
.background{ background-color: rgb(185,  
156, 142) }
```

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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