

Converting Colors

`RYB(188, 167, 153)`

Have a look what the booklet for
RYB(188, 167, 153) contains.

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Color

R_YB(188, 167, 153)

Conversions

Conversions Part 1

Format	Color
Hex	BCA399
RGB	188, 163, 153
RGB Percent	74%, 64%, 60%
CMY	0.2627, 0.3608, 0.4000
CMYK	0.00, 0.13, 0.19, 0.26
HSL	17°, 21%, 67%
HSV	17°, 19%, 74%
XYZ	39.5860, 39.1857, 35.6142
YIQ	169.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

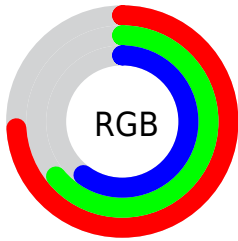
Format	Color
RYB	188, 167, 153
Decimal	12362649
CIELab	68.89, 7.51, 8.55
CIELCh	69, 11.384, 48.713
Yxy	39.1857, 0.3461, 0.3426
Android (android.graphics.Color)	4290552729 (0xFFBCA399)
YUV	169.3350, -8.0532, 16.3692
Hunter-Lab	62.5985, 3.3325, 10.0870

Details

The RYB color **188, 167, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **153, 168, 188**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **245, 222, 207**, and **134, 115, 102** is the 20% darker color. If you saturate the color by 10%, you get **188, 157, 134**, and if you desaturate by 10%, it is **188, 177, 172**.

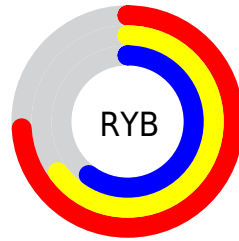
Distribution



Red (74%)

Green (64%)

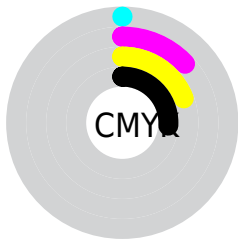
Blue (60%)



Red (74%)

Yellow (65%)

Blue (60%)

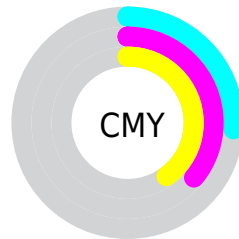


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 167, 153 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 188, 167, 153 by changing the saturation by 10% instead.


 188, 167, 153

255, 255, 255

 245, 222, 207

 253, 255, 236

 188, 167, 153

 161, 141, 127

 134, 115, 102

 109, 91, 78

 84, 68, 55


 60, 46, 34

 38, 26, 12

 7, 0, 0

 0, 0, 0


 188, 167, 153


 188, 167, 153

 188, 157, 134


 188, 177, 172

 188, 144, 115


 188, 189, 191

 188, 133, 97

 188, 197, 209

 188, 121, 78

 188, 205, 228

 188, 111, 59

 188, 213, 247

 188, 99, 40

 188, 219, 255

 188, 88, 21

 188, 222, 255

 188, 77, 3

 188, 76, 0

Harmonies

Analogous

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



190, 161, 162



188, 167, 153



173, 180, 148

Triad

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



188, 167, 153



148, 164, 174



165, 167, 187

Complementary

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



188, 167, 153



153, 168, 188

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.



153, 164, 188



188, 167, 153



142, 158, 174

Square

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



188, 167, 153



154, 172, 168



144, 161, 183



178, 164, 182

Rectangle

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



188, 167, 153



154, 173, 148



144, 161, 183



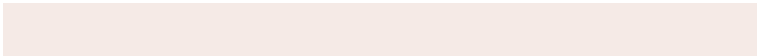
161, 167, 188

Sweetspot

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



188, 167, 153



245, 235, 230



188, 153, 178



122, 117, 114



250, 250, 250



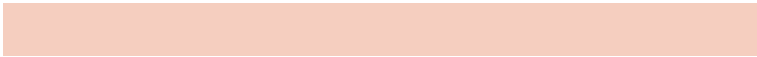
122, 122, 122

Same Dimension

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



188, 167, 153



245, 212, 191



163, 188, 153



94, 90, 85



158, 63, 0



31, 13, 0

Inverse Universe

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



153, 168, 188



191, 213, 245



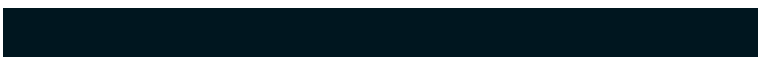
153, 160, 188



85, 89, 94



0, 66, 158



0, 13, 31

Previews

White Background



This preview shows how the RYB color 188, 167, 153 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 188, 167, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

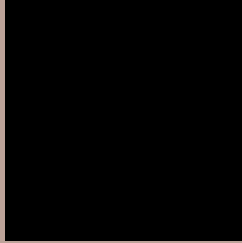
Any Text WCAG AA ✓ Pass

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 188, 167, 153 Background



This preview shows how black text looks on a background with the RYB color 188, 167, 153.



This preview shows how white text looks on a background with the RYB color 188, 167, 153.

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


188, 167, 153

Protanopia

164, 174, 155

Deuteranopia

190, 165, 153



Tritanopia
190, 160, 173

Trichromacy



Original Color
188, 167, 153

Protanomaly
179, 177, 154

Deuteranomaly
189, 165, 153

Tritanomaly
189, 161, 166

Monochromacy



Original Color
188, 167, 153

Achromatopsia
169, 169, 169

Achromatomaly
176, 169, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 167, 153 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(188, 163, 153) looks like.

```
.text, #text, p{  
    color:rgb(188, 163, 153)  
}
```

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(188, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 163, 153) }
```

Border

The CSS property to change the border of an element to RYB 188, 167, 153 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(188, 163, 153) }
```

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

```
.border{ border-color:rgb(188, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(188, 163,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 188, 167, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 163, 153) }
```

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

```
.background{ background-color: rgb(188,  
163, 153) }
```

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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