

Converting Colors

`RYB(188, 169, 172)`

Have a look what the booklet for RYB(188, 169, 172) contains.

RYB(188, 169, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(188, 169, 172)$

Conversions

Conversions Part 1

Format	Color
Hex	BCA9AC
RGB	188, 169, 172
RGB Percent	74%, 66%, 67%
CMY	0.2627, 0.3373, 0.3255
CMYK	0.00, 0.10, 0.09, 0.26
HSL	351°, 12%, 70%
HSV	351°, 10%, 74%
XYZ	42.3734, 42.0459, 44.9121
YIQ	175.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

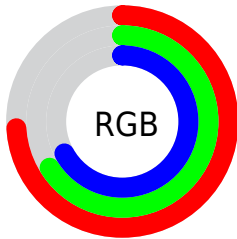
Format	Color
RYB	188, 169, 172
Decimal	12364204
CIELab	70.90, 7.38, 0.95
CIELCh	71, 7.445, 7.361
Yxy	42.0459, 0.3276, 0.3251
Android (android.graphics.Color)	4290554284 (0xFFBCA9AC)
YUV	175.0230, -1.4903, 11.3808
Hunter-Lab	64.8428, 3.1712, 4.3239

Details

The RYB color **188, 169, 172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169, 179, 188**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **244, 224, 227**, and **135, 117, 120** is the 20% darker color. If you saturate the color by 10%, you get **188, 150, 156**, and if you desaturate by 10%, it is **188, 188, 188**.

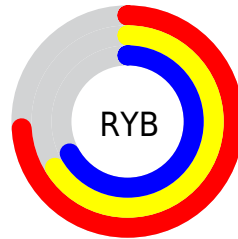
Distribution



Red (74%)

Green (66%)

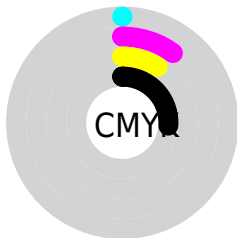
Blue (67%)



Red (74%)

Yellow (66%)

Blue (67%)

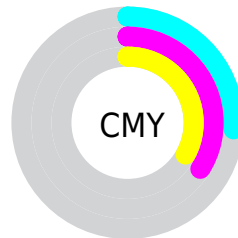


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 169, 172 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, 169, 172 by changing the saturation by 10% instead.


 188, 169, 172


255, 255, 255

 244, 224, 227

 255, 253, 255

 188, 169, 172

 161, 143, 145

 135, 117, 120

 109, 92, 95

 85, 69, 71

 62, 46, 49

 39, 26, 28

 20, 0, 1

 0, 0, 0

 188, 169, 172

 188, 169, 172

■ 188, 150, 156

■ 188, 188, 188

■ 188, 131, 140

■ 188, 198, 207

■ 188, 113, 125

■ 188, 208, 225

■ 188, 94, 109

■ 188, 218, 244

■ 188, 75, 93

■ 188, 223, 255

■ 188, 56, 77

■ 188, 222, 255

■ 188, 37, 61

■ 188, 19, 45

■ 188, 0, 30

Harmonies

Analogous

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



184, 170, 179



188, 169, 172



188, 171, 166

Triad

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



188, 169, 172



163, 176, 169



161, 170, 186

Complementary

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



188, 169, 172



169, 179, 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.



157, 168, 181



188, 169, 172



162, 173, 177

Square

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



188, 169, 172



165, 178, 160



158, 169, 178



169, 172, 187

Rectangle

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



188, 169, 172



186, 176, 162



158, 169, 178



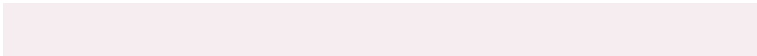
160, 170, 185

Sweetspot

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



188, 169, 172



245, 237, 239



185, 169, 188



122, 118, 118



250, 250, 250



122, 122, 122

Same Dimension

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



188, 169, 172



245, 215, 220



188, 178, 169



94, 85, 86



158, 0, 25



31, 0, 5

Inverse Universe

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



188, 169, 172



245, 215, 220



169, 177, 188



94, 85, 86



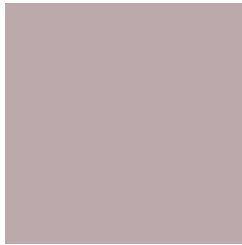
158, 0, 25



31, 0, 5

Previews

White Background



This preview shows how the RYB color 188, 169, 172 looks on a white background.

Color Contrast Check

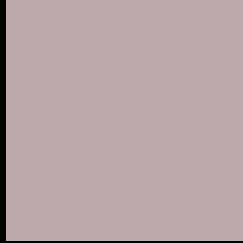
Large Text (above 18pt) WCAG AA × Fail

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, 169, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

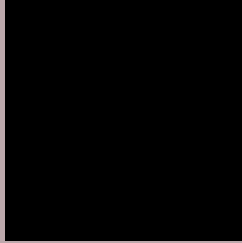
Any Text WCAG AA ✓ Pass

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, 169, 172 Background



This preview shows how black text looks on a background with the RYB color 188, 169, 172.



This preview shows how white text looks on a background with the RYB color 188, 169, 172.

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, 169, 172

Protanopia
176, 173, 174

Deuteranopia
191, 168, 172



Tritanopia
189, 168, 181

Trichromacy



Original Color

188, 169, 172

Protanomaly

180, 172, 173

Deuteranomaly

190, 168, 172

Tritanomaly

189, 168, 178

Monochromacy



Original Color

188, 169, 172

Achromatopsia

175, 175, 175

Achromatomaly

180, 173, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 169, 172 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, 169, 172) looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 172)  
}
```

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, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 172) }
```

Border

The CSS property to change the border of an element to RYB 188, 169, 172 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, 169, 172) }
```

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

```
.border{ border-color:rgb(188, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 169, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 169, 172); box-shadow:4px 4px 4px 4px rgb(188, 169, 172) }
```

Background

The CSS property to change the background color of an element to RYB 188, 169, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 172) }
```

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

```
.background{ background-color: rgb(188,  
169, 172) }
```

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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