

Converting Colors

`RYB(188, 152, 188)`

Have a look what the booklet for
RYB(188, 152, 188) contains.

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Color

R_YB(188, 152, 188)

Conversions

Conversions Part 1

Format	Color
Hex	BC98BC
RGB	188, 152, 188
RGB Percent	74%, 60%, 74%
CMY	0.2627, 0.4039, 0.2627
CMYK	0.00, 0.19, 0.00, 0.26
HSL	300°, 21%, 67%
HSV	300°, 19%, 74%
XYZ	41.0444, 36.7787, 52.5127
YIQ	166.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

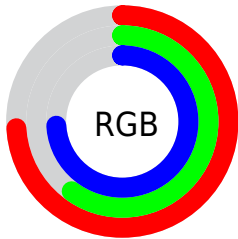
Format	Color
RYB	188, 152, 188
Decimal	12359868
CIELab	67.11, 19.69, -13.55
CIELCh	67, 23.903, 325.471
Yxy	36.7787, 0.3149, 0.2822
Android (android.graphics.Color)	4290549948 (0xFFBC98BC)
YUV	166.8680, 10.4181, 18.5328
Hunter-Lab	60.6454, 14.6780, -8.8872

Details

The RYB color **188, 152, 188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **152, 188, 188**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **244, 206, 244**, and **134, 101, 135** is the 20% darker color. If you saturate the color by 10%, you get **188, 133, 188**, and if you desaturate by 10%, it is **188, 171, 188**.

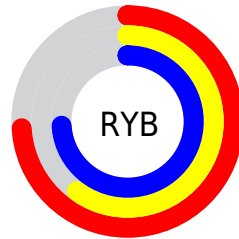
Distribution



Red (74%)

Green (60%)

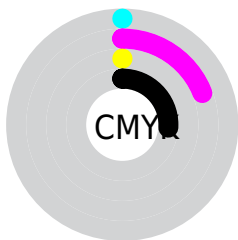
Blue (74%)



Red (74%)

Yellow (60%)

Blue (74%)

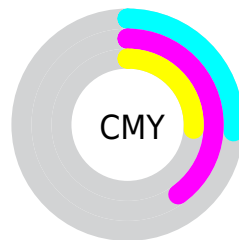


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 152, 188 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, 152, 188 by changing the saturation by 10% instead.


 188, 152, 188

 188, 152, 188


255, 255, 255

 161, 126, 161


 244, 206, 244

 134, 101, 135

 255, 235, 255

 109, 77, 109

 84, 53, 85

 60, 31, 62

 38, 10, 40

 9, 0, 19

 0, 0, 0

 188, 152, 188

 188, 152, 188

■ 188, 133, 188

■ 188, 171, 188

■ 188, 114, 188

■ 188, 190, 190

■ 188, 96, 188

■ 188, 208, 208

■ 188, 77, 188

■ 188, 227, 227

■ 188, 58, 188

■ 188, 246, 246

■ 188, 39, 188

■ 188, 255, 255

■ 188, 20, 188

■ 188, 2, 188

■ 188, 0, 188

Harmonies

Analogous

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



162, 159, 202



188, 152, 188



204, 148, 167

Triad

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



188, 152, 188



153, 182, 121



101, 139, 181

Complementary

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



188, 152, 188



152, 188, 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.



113, 149, 175



188, 152, 188



124, 168, 132

Square

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



188, 152, 188



199, 168, 129



135, 170, 173



108, 145, 198

Rectangle

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



188, 152, 188



207, 148, 153



135, 170, 173



103, 139, 175

Sweetspot

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



188, 152, 188



245, 230, 245



152, 152, 188



122, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



188, 152, 188



245, 188, 245



188, 152, 170



94, 85, 94



158, 0, 158



31, 0, 31

Inverse Universe

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



188, 152, 188



245, 188, 245



152, 176, 188



94, 85, 94



158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RYB color 188, 152, 188 looks on a white background.

Color Contrast Check

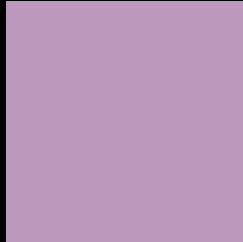
Large Text (above 18pt) WCAG AA × Fail

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, 152, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

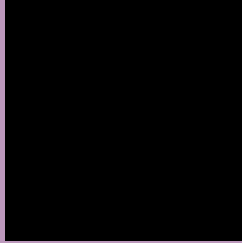
Any Text WCAG AA ✓ Pass

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, 152, 188 Background



This preview shows how black text looks on a background with the RYB color 188, 152, 188.



This preview shows how white text looks on a background with the RYB color 188, 152, 188.

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, 152, 188

Protanopia
157, 161, 195

Deuteranopia
169, 159, 187



Tritanopia
185, 156, 168

Trichromacy



Original Color
188, 152, 188

Protanomaly
168, 158, 192

Deuteranomaly
176, 156, 187

Tritanomaly
186, 155, 175

Monochromacy



Original Color
188, 152, 188

Achromatopsia
167, 167, 167

Achromatomaly
175, 162, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 152, 188 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, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 188)  
}
```

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, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 188) }
```

Border

The CSS property to change the border of an element to RYB 188, 152, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

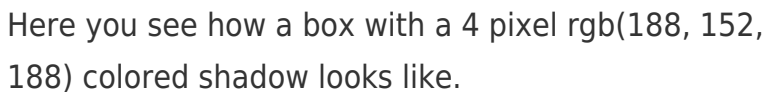
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 152, 188) }
```

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

```
.border{ border-color:rgb(188, 152, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 152, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 152, 188); box-shadow:4px 4px 4px 4px rgb(188, 152, 188) }
```

Background

The CSS property to change the background color of an element to RYB 188, 152, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 188) }
```

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

```
.background{ background-color: rgb(188,  
152, 188) }
```

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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