

Converting Colors

`RYB(189, 101, 107)`

Have a look what the booklet for
RYB(189, 101, 107) contains.

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Color

R_YB(189, 101, 107)

Conversions

Conversions Part 1

Format	Color
Hex	BD656B
RGB	189, 101, 107
RGB Percent	74%, 40%, 42%
CMY	0.2588, 0.6039, 0.5804
CMYK	0.00, 0.47, 0.43, 0.26
HSL	356°, 40%, 57%
HSV	356°, 47%, 74%
XYZ	28.2938, 21.1877, 16.5083
YIQ	127.9960, 50.5220, 20.5220

Conversions

Conversions Part 2

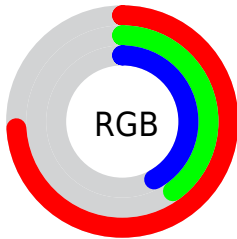
Format	Color
R_{YB}	189, 101, 107
Decimal	12412267
CIE Lab	53.15, 35.77, 12.59
CIE LCh	53, 37.923, 19.383
Yxy	21.1877, 0.4288, 0.3211
Android (android.graphics.Color)	4290602347 (0xFFBD656B)
YUV	127.9960, -10.3510, 53.5005
Hunter-Lab	46.0301, 29.1677, 10.9572

Details

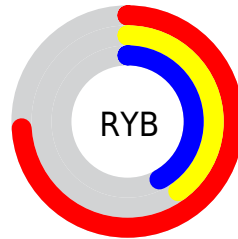
The RYB color **189, 101, 107** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **101, 147, 189**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **248, 154, 158**, and **132, 51, 60** is the 20% darker color. If you saturate the color by 10%, you get **189, 82, 89**, and if you desaturate by 10%, it is **189, 120, 125**.

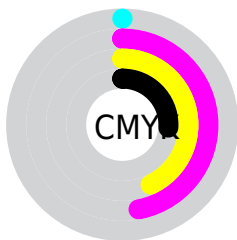
Distribution



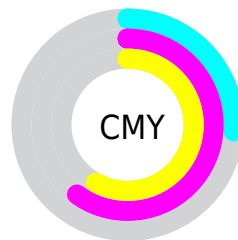
- Red (74%)
- Green (40%)
- Blue (42%)



- Red (74%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (26%)



- Cyan (26%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 101, 107 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 189, 101, 107 by changing the saturation by 10% instead.

 189, 101, 107

255, 255, 255

 248, 154, 158

 255, 181, 185

 255, 209, 213

 255, 238, 241

 189, 101, 107

 160, 76, 83

 132, 51, 60

 105, 26, 38

 78, 0, 18

 53, 0, 0


 15, 0, 0


 0, 0, 0

 189, 101, 107

 189, 82, 89

 189, 101, 107

 189, 120, 125

 189, 63, 72

 189, 139, 142

 189, 44, 54

 189, 158, 160

 189, 25, 37

 189, 177, 177

 189, 7, 19

 189, 193, 196

 189, 0, 13

 189, 202, 214

 189, 212, 233

 189, 222, 252

 189, 222, 255

Harmonies

Analogous

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



182, 101, 140



189, 101, 107



179, 122, 79

Triad

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



189, 101, 107



83, 139, 134



41, 98, 191

Complementary

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



189, 101, 107



101, 147, 189

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.



0, 78, 176



189, 101, 107



33, 96, 143

Square

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



189, 101, 107



63, 132, 69



0, 73, 147



111, 121, 188

Rectangle

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



189, 101, 107



159, 165, 66



0, 73, 147



0, 79, 187

Sweetspot

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



189, 101, 107



245, 211, 213



182, 101, 189



122, 102, 103



250, 250, 250



122, 122, 122

Same Dimension

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



189, 101, 107



245, 108, 117



189, 165, 101



94, 85, 86



158, 0, 11



31, 0, 2

Inverse Universe

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



189, 101, 107



245, 108, 117



101, 133, 189



94, 85, 86



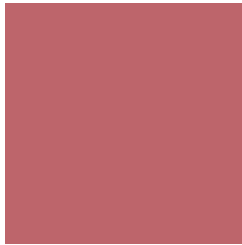
158, 0, 11



31, 0, 2

Previews

White Background



This preview shows how the RYB color 189, 101, 107 looks on a white background.

Color Contrast Check

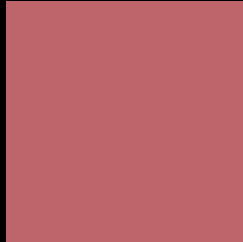
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 101, 107 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 189, 101, 107 Background



This preview shows how black text looks on a background with the RYB color 189, 101, 107.

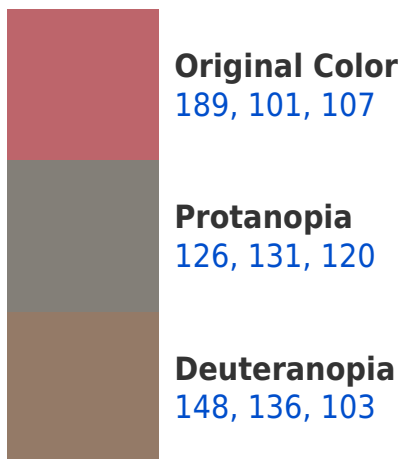


This preview shows how white text looks on a background with the RYB color 189, 101, 107.

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





Tritanopia
189, 101, 108

Trichromacy



Original Color
189, 101, 107

Protanomaly
152, 118, 115

Deuteranomaly
163, 116, 104

Tritanomaly
189, 101, 108

Monochromacy



Original Color
189, 101, 107

Achromatopsia
128, 128, 128

Achromatomaly
150, 118, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 101, 107 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(189, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(189, 101, 107)  
}
```

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(189, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 101, 107) }
```

Border

The CSS property to change the border of an element to RYB 189, 101, 107 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(189, 101, 107) }
```

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

```
.border{ border-color:rgb(189, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 101, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 101, 107); box-shadow:4px 4px 4px 4px rgb(189, 101, 107) }
```

Background

The CSS property to change the background color of an element to RYB 189, 101, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 101, 107) }
```

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

```
.background{ background-color: rgb(189,  
101, 107) }
```

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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