

Converting Colors

`RYB(189, 111, 119)`

Have a look what the booklet for
RYB(189, 111, 119) contains.

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Color

R_YB(189, 111, 119)

Conversions

Conversions Part 1

Format	Color
Hex	BD6F77
RGB	189, 111, 119
RGB Percent	74%, 44%, 47%
CMY	0.2588, 0.5647, 0.5333
CMYK	0.00, 0.41, 0.37, 0.26
HSL	354°, 37%, 59%
HSV	354°, 41%, 74%
XYZ	30.0005, 23.5196, 20.4113
YIQ	135.2340, 43.9200, 19.0240

Conversions

Conversions Part 2

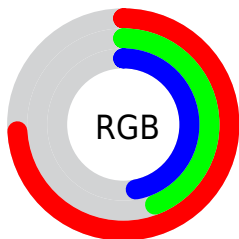
Format	Color
R_{YB}	189, 111, 119
Decimal	12414839
CIE _{Lab}	55.60, 31.80, 8.99
CIE _{LCh}	56, 33.045, 15.788
Yxy	23.5196, 0.4058, 0.3181
Android (android.graphics.Color)	4290604919 (0xFFBD6F77)
YUV	135.2340, -8.0034, 47.1528
Hunter-Lab	48.4970, 25.5512, 8.9941

Details

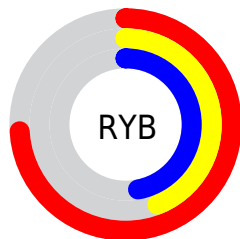
The RYB color **189, 111, 119** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **111, 152, 189**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **247, 164, 171**, and **133, 61, 71** is the 20% darker color. If you saturate the color by 10%, you get **189, 92, 102**, and if you desaturate by 10%, it is **189, 130, 136**.

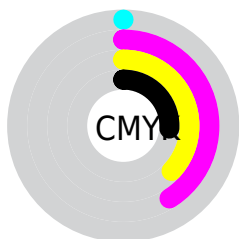
Distribution



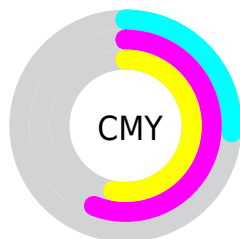
- Red (74%)
- Green (44%)
- Blue (47%)



- Red (74%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (26%)



- Cyan (26%)
- Magenta (56%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the RYB color 189, 111, 119 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, 111, 119 by changing the saturation by 10% instead.

 189, 111, 119

255, 255, 255


 247, 164, 171

 255, 191, 198

 255, 219, 226


 255, 248, 255

 189, 111, 119

 161, 86, 94

 133, 61, 71

 106, 37, 48

 80, 12, 28

 55, 0, 0

 26, 0, 1

 0, 0, 0

 189, 111, 119

 189, 92, 102

 189, 111, 119

 189, 130, 136


 189, 73, 85

 189, 149, 153

 189, 54, 68

 189, 168, 170

 189, 35, 51

 189, 187, 187

 189, 17, 34

 189, 198, 206

 189, 0, 19

 189, 207, 224

 189, 217, 243

 189, 222, 255

Harmonies

Analogous

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



180, 112, 148



189, 111, 119



182, 126, 93

Triad

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



189, 111, 119



92, 143, 130



65, 112, 188

Complementary

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



189, 111, 119



111, 152, 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, 79, 173



189, 111, 119



67, 116, 147

Square

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



189, 111, 119



78, 137, 77



12, 80, 148



116, 128, 188

Rectangle

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



189, 111, 119



171, 160, 81



12, 80, 148



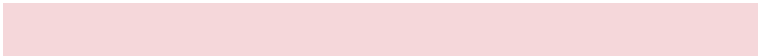
44, 102, 185

Sweetspot

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



189, 111, 119



245, 215, 218



180, 111, 189



122, 105, 107



250, 250, 250



122, 122, 122

Same Dimension

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



189, 111, 119



245, 122, 135



189, 160, 111



94, 85, 86



158, 0, 16



31, 0, 3

Inverse Universe

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



189, 111, 119



245, 122, 135



111, 141, 189



94, 85, 86



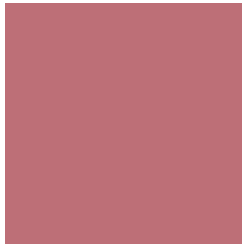
158, 0, 16



31, 0, 3

Previews

White Background



This preview shows how the RYB color 189, 111, 119 looks on a white background.

Color Contrast Check

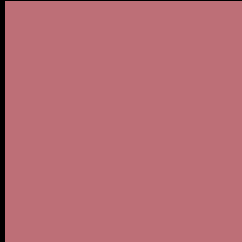
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

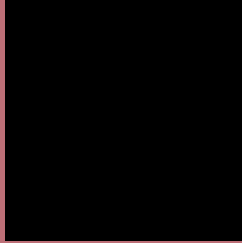
Any Text WCAG AA ✓ Pass

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, 111, 119 Background



This preview shows how black text looks on a background with the RYB color 189, 111, 119.

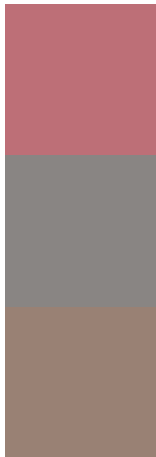


This preview shows how white text looks on a background with the RYB color 189, 111, 119.

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
189, 111, 119

Protanopia
137, 134, 131

Deuteranopia
153, 136, 116



Tritanopia
189, 111, 119

Trichromacy



Original Color
189, 111, 119

Protanomaly
156, 125, 127

Deuteranomaly
166, 123, 117

Tritanomaly
189, 111, 119

Monochromacy



Original Color
189, 111, 119

Achromatopsia
135, 135, 135

Achromatomaly
155, 126, 129

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 111, 119 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, 111, 119)` looks like.

```
.text, #text, p{  
    color:rgb(189, 111, 119)  
}
```

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, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 111, 119) }
```

Border

The CSS property to change the border of an element to RYB 189, 111, 119 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, 111, 119) }
```

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

```
.border{ border-color:rgb(189, 111, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 111, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 111, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 111, 119);  
box-shadow:4px 4px 4px 4px rgb(189, 111,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 189, 111, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 111, 119) }
```

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

```
.background{ background-color: rgb(189,  
111, 119) }
```

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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