

Converting Colors

`RYB(189, 135, 115)`

Have a look what the booklet for
RYB(189, 135, 115) contains.

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Color

R_YB(189, 135, 115)

Conversions

Conversions Part 1

Format	Color
Hex	BD8373
RGB	189, 131, 115
RGB Percent	74%, 51%, 45%
CMY	0.2588, 0.4873, 0.5490
CMYK	0.00, 0.31, 0.39, 0.26
HSL	13°, 36%, 60%
HSV	13°, 39%, 74%
XYZ	32.1628, 28.2207, 19.9716
YIQ	146.5180, 39.7040, 7.3200

Conversions

Conversions Part 2

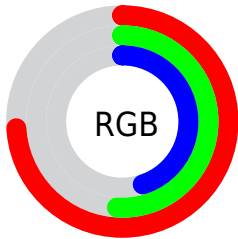
Format	Color
R_{YB}	189, 135, 115
Decimal	12419955
CIE Lab	60.09, 20.46, 17.55
CIE LCh	60, 26.956, 40.621
Yxy	28.2207, 0.4003, 0.3512
Android (android.graphics.Color)	4290610035 (0xFFBD8373)
YUV	146.5180, -15.5384, 37.2567
Hunter-Lab	53.1232, 15.1052, 14.8962

Details

The RYB color **189, 135, 115** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **115, 148, 189**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **247, 189, 167**, and **134, 85, 67** is the 20% darker color. If you saturate the color by 10%, you get **189, 121, 96**, and if you desaturate by 10%, it is **189, 149, 134**.

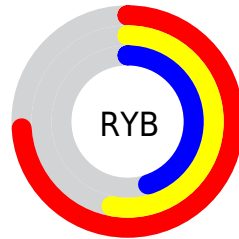
Distribution



Red (74%)

Green (51%)

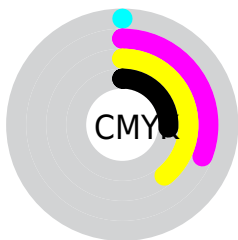
Blue (45%)



Red (74%)

Yellow (53%)

Blue (45%)

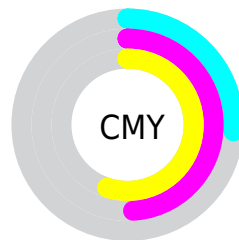


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 135, 115 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, 135, 115 by changing the saturation by 10% instead.

 189, 135, 115

255, 255, 255


 247, 189, 167

 255, 220, 194

 250, 255, 222


 251, 255, 251

 189, 135, 115

 161, 109, 90

 134, 85, 67

 107, 60, 45

 81, 38, 24

 57, 17, 0

 34, 0, 1

 0, 0, 0

 189, 135, 115

 189, 121, 96


 189, 135, 115

 189, 149, 134

 189, 108, 77

 189, 163, 153

 189, 94, 58

 189, 176, 172

 189, 80, 39

 189, 190, 191

 189, 66, 20

 189, 198, 210

 189, 51, 2

 189, 206, 228

 189, 51, 0

 189, 215, 247

 189, 221, 255

 189, 222, 255

Harmonies

Analogous

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



192, 127, 137



189, 135, 115



175, 175, 101

Triad

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



189, 135, 115



99, 138, 157



126, 140, 191

Complementary

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



189, 135, 115



115, 148, 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.



91, 129, 189



189, 135, 115



75, 118, 158

Square

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



189, 135, 115



108, 153, 134



69, 117, 175



159, 136, 181

Rectangle

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



189, 135, 115



122, 161, 97



69, 117, 175



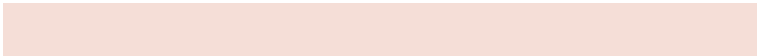
114, 137, 192

Sweetspot

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



189, 135, 115



245, 224, 215



189, 115, 174



122, 110, 105



250, 250, 250



122, 122, 122

Same Dimension

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



189, 135, 115



245, 160, 130



146, 189, 115



94, 88, 85



158, 43, 0



31, 9, 0

Inverse Universe

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



115, 148, 189



130, 180, 245



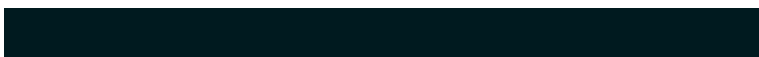
115, 132, 189



85, 89, 94



0, 69, 158



0, 14, 31

Previews

White Background



This preview shows how the RYB color 189, 135, 115 looks on a white background.

Color Contrast Check

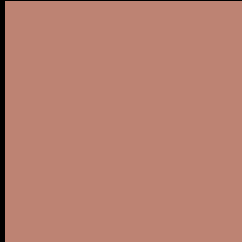
Large Text (above 18pt) WCAG AA ✓ Pass

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, 135, 115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

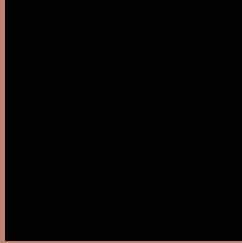
Any Text WCAG AA ✓ Pass

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, 135, 115 Background



This preview shows how black text looks on a background with the RYB color 189, 135, 115.



This preview shows how white text looks on a background with the RYB color 189, 135, 115.

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, 135, 115

Protanopia
133, 153, 122

Deuteranopia
170, 161, 113



Tritanopia
191, 128, 137

Trichromacy



Original Color

189, 135, 115

Protanomaly

166, 157, 119

Deuteranomaly

177, 148, 114

Tritanomaly

190, 129, 129

Monochromacy



Original Color

189, 135, 115

Achromatopsia

146, 146, 146

Achromatomaly

162, 141, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 135, 115 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, 131, 115)` looks like.

```
.text, #text, p{  
    color:rgb(189, 131, 115)  
}
```

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, 131, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 131, 115) }
```

Border

The CSS property to change the border of an element to RYB 189, 135, 115 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, 131, 115) }
```

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

```
.border{ border-color:rgb(189, 131, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 131, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 131, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 131, 115); box-shadow:4px 4px 4px 4px rgb(189, 131, 115) }
```

Background

The CSS property to change the background color of an element to RYB 189, 135, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 131, 115) }
```

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

```
.background{ background-color: rgb(189,  
131, 115) }
```

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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