

Converting Colors

`RYB(187, 119, 115)`

Have a look what the booklet for
RYB(187, 119, 115) contains.

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Color

R_YB(187, 119, 115)

Conversions

Conversions Part 1

Format	Color
Hex	BB7773
RGB	187, 119, 115
RGB Percent	73%, 47%, 45%
CMY	0.2667, 0.5342, 0.5490
CMYK	0.00, 0.36, 0.39, 0.27
HSL	3°, 35%, 59%
HSV	3°, 39%, 73%
XYZ	30.1598, 24.9462, 19.4452
YIQ	138.8760, 41.8120, 13.1720

Conversions

Conversions Part 2

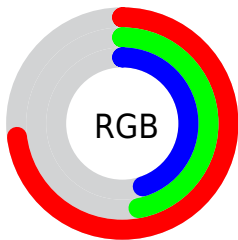
Format	Color
RYB	187, 119, 115
Decimal	12285811
CIELab	57.02, 26.28, 13.27
CIElCh	57, 29.443, 26.796
Yxy	24.9462, 0.4046, 0.3346
Android (android.graphics.Color)	4290475891 (0xFFBB7773)
YUV	138.8760, -11.7709, 42.2047
Hunter-Lab	49.9462, 20.3808, 11.8794

Details

The RYB color **187, 119, 115** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115, 150, 187**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **245, 172, 167**, and **131, 69, 67** is the 20% darker color. If you saturate the color by 10%, you get **187, 101, 96**, and if you desaturate by 10%, it is **187, 137, 134**.

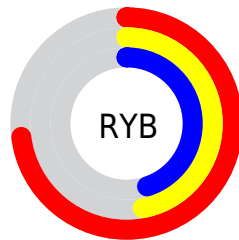
Distribution



Red (73%)

Green (47%)

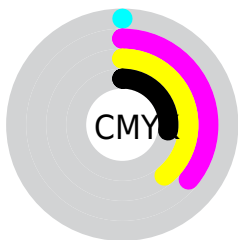
Blue (45%)



Red (73%)

Yellow (47%)

Blue (45%)

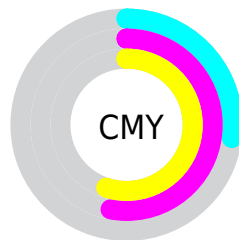


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 119, 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 187, 119, 115 by changing the saturation by 10% instead.

 187, 119, 115

255, 255, 255

 245, 172, 167

 255, 199, 194

 255, 228, 222


 251, 255, 251

 187, 119, 115

 159, 94, 90

 131, 69, 67

 105, 46, 45

 78, 23, 24

 54, 0, 0

 26, 0, 1

 0, 0, 0

 187, 119, 115

 187, 101, 96


 187, 119, 115

 187, 137, 134


 187, 83, 78

 187, 154, 152


 187, 66, 59

 187, 172, 171

 187, 48, 40

 187, 189, 190

 187, 30, 22

 187, 197, 209

 187, 12, 3

 187, 206, 227

 187, 11, 0

 187, 216, 246

 187, 221, 255

Harmonies

Analogous

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



184, 117, 141



187, 119, 115



177, 145, 95

Triad

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



187, 119, 115



100, 141, 148



97, 126, 188

Complementary

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



187, 119, 115



115, 150, 187

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.



57, 109, 179



187, 119, 115



69, 115, 151

Square

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



187, 119, 115



90, 142, 102



44, 99, 159



136, 131, 183

Rectangle

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



187, 119, 115



145, 164, 87



44, 99, 159



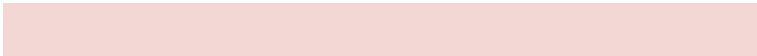
83, 121, 186

Sweetspot

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



187, 119, 115



242, 215, 213



187, 115, 183



122, 106, 105



250, 250, 250



122, 122, 122

Same Dimension

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



187, 119, 115



242, 137, 131



173, 187, 115



94, 85, 85



158, 8, 0



31, 2, 0

Inverse Universe

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



115, 150, 187



131, 185, 242



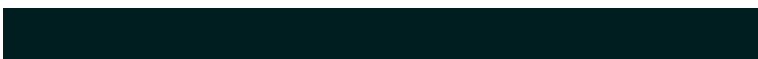
115, 137, 187



85, 90, 94



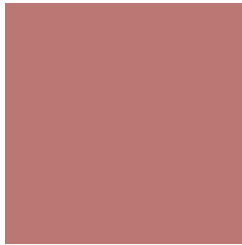
0, 77, 158



0, 15, 31

Previews

White Background



This preview shows how the RYB color 187, 119, 115 looks on a white background.

Color Contrast Check

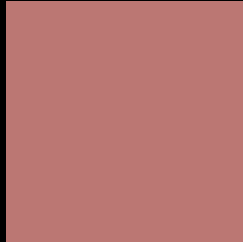
Large Text (above 18pt) WCAG AA ✓ Pass

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 187, 119, 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 187, 119, 115 Background



This preview shows how black text looks on a background with the RYB color 187, 119, 115.



This preview shows how white text looks on a background with the RYB color 187, 119, 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





Tritanopia
188, 117, 126

Trichromacy



Original Color

187, 119, 115

Protanomaly

159, 133, 121

Deuteranomaly

169, 131, 114

Tritanomaly

188, 118, 122

Monochromacy



Original Color

187, 119, 115

Achromatopsia

139, 139, 139

Achromatomaly

156, 132, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 119, 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(187, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 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(187, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 115) }
```

Border

The CSS property to change the border of an element to RYB 187, 119, 115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

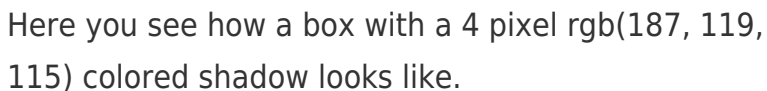
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 119, 115) }
```

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

```
.border{ border-color:rgb(187, 119, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 119, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 119, 115); box-shadow:4px 4px 4px 4px rgb(187, 119, 115) }
```

Background

The CSS property to change the background color of an element to RYB 187, 119, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 115) }
```

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

```
.background{ background-color: rgb(187,  
119, 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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