

Converting Colors

`RYB(187, 124, 142)`

Have a look what the booklet for
RYB(187, 124, 142) contains.

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Color

R_YB(187, 124, 142)

Conversions

Conversions Part 1

Format	Color
Hex	BB7C8E
RGB	187, 124, 142
RGB Percent	73%, 49%, 56%
CMY	0.2667, 0.5137, 0.4431
CMYK	0.00, 0.34, 0.24, 0.27
HSL	343°, 32%, 61%
HSV	343°, 34%, 73%
XYZ	32.5837, 26.9331, 29.0724
YIQ	144.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

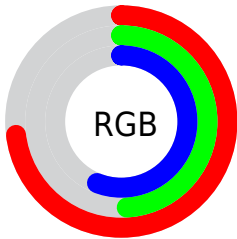
Format	Color
R_{YB}	187, 124, 142
Decimal	12287118
CIE _{Lab}	58.91, 27.04, 0.37
CIE _{LCh}	59, 27.042, 0.790
Yxy	26.9331, 0.3678, 0.3040
Android (android.graphics.Color)	4290477198 (0xFFBB7C8E)
YUV	144.8890, -1.4243, 36.9313
Hunter-Lab	51.8971, 21.2515, 3.1141

Details

The RYB color **187, 124, 142** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **124, 161, 187**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **244, 177, 196**, and **132, 74, 92** is the 20% darker color. If you saturate the color by 10%, you get **187, 105, 129**, and if you desaturate by 10%, it is **187, 143, 155**.

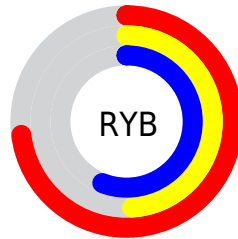
Distribution



Red (73%)

Green (49%)

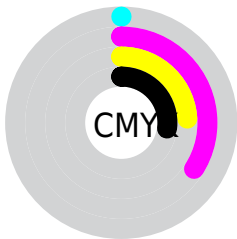
Blue (56%)



Red (73%)

Yellow (49%)

Blue (56%)

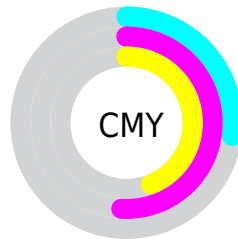


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the RYB color 187, 124, 142 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, 124, 142 by changing the saturation by 10% instead.

 187, 124, 142

255, 255, 255

 244, 177, 196

 255, 205, 224


 255, 233, 252

 187, 124, 142

 159, 99, 116

 132, 74, 92


 106, 50, 68


 81, 27, 46


 56, 4, 26

 36, 0, 1

 0, 0, 0

 187, 124, 142

 187, 105, 129

 187, 124, 142

 187, 143, 155

 187, 87, 115

 187, 161, 169

 187, 68, 102

 187, 180, 182

 187, 49, 89

 187, 194, 199

 187, 30, 75

 187, 205, 218

 187, 12, 62

 187, 216, 236

 187, 0, 53

 187, 227, 255

 187, 223, 255

 187, 221, 255

Harmonies

Analogous

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



173, 128, 165



187, 124, 142



188, 127, 119

Triad

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



187, 124, 142



100, 148, 115



78, 121, 182

Complementary

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



187, 124, 142



124, 161, 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.



64, 112, 165



187, 124, 142



105, 143, 153

Square

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



187, 124, 142



119, 158, 94



78, 120, 155



111, 134, 189

Rectangle

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



187, 124, 142



182, 141, 106



78, 120, 155



70, 117, 178

Sweetspot

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



187, 124, 142



242, 218, 225



168, 124, 187



122, 108, 112



250, 250, 250



122, 122, 122

Same Dimension

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



187, 124, 142



242, 145, 173



187, 140, 124



94, 85, 88



158, 0, 45



31, 0, 9

Inverse Universe

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



187, 124, 142



242, 145, 173



124, 152, 187



94, 85, 88



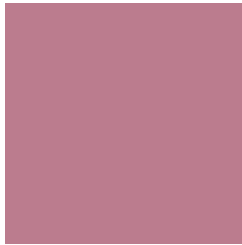
158, 0, 45



31, 0, 9

Previews

White Background



This preview shows how the RYB color 187, 124, 142 looks on a white background.

Color Contrast Check

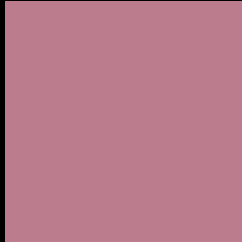
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

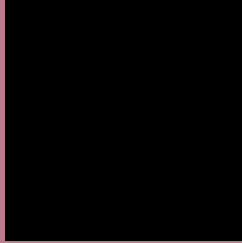
Any Text WCAG AA ✓ Pass

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, 124, 142 Background



This preview shows how black text looks on a background with the RYB color 187, 124, 142.

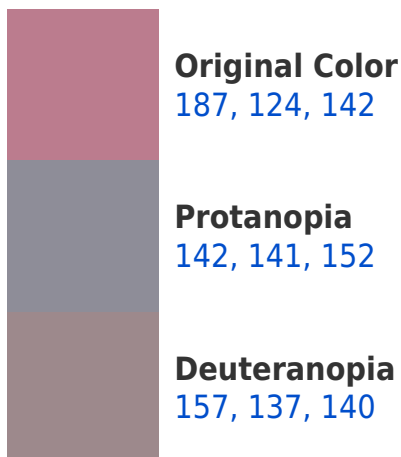



This preview shows how white text looks on a background with the RYB color 187, 124, 142.

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
186, 125, 135

Trichromacy



Original Color
187, 124, 142

Protanomaly
158, 135, 148

Deuteranomaly
168, 132, 141

Tritanomaly
186, 125, 138

Monochromacy



Original Color
187, 124, 142

Achromatopsia
145, 145, 145

Achromatomaly
160, 137, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 124, 142 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, 124, 142) looks like.

```
.text, #text, p{  
    color:rgb(187, 124, 142)  
}
```

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, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 124, 142) }
```

Border

The CSS property to change the border of an element to RYB 187, 124, 142 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, 124, 142) }
```

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

```
.border{ border-color:rgb(187, 124, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 124, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 124, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 124, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 124,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 187, 124, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 124, 142) }
```

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

```
.background{ background-color: rgb(187,  
124, 142) }
```

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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