

Converting Colors

`RYB(168, 124, 135)`

Have a look what the booklet for
RYB(168, 124, 135) contains.

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Color

R_YB(168, 124, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A87C87
RGB	168, 124, 135
RGB Percent	66%, 49%, 53%
CMY	0.3412, 0.5137, 0.4706
CMYK	0.00, 0.26, 0.20, 0.34
HSL	345°, 20%, 57%
HSV	345°, 26%, 66%
XYZ	27.7293, 24.4894, 26.1871
YIQ	138.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

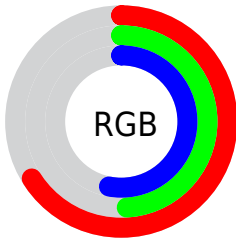
Format	Color
R_{YB}	168, 124, 135
Decimal	11041927
CIE _{Lab}	56.57, 18.80, 0.75
CIE _{LCh}	57, 18.811, 2.290
Yxy	24.4894, 0.3537, 0.3123
Android (android.graphics.Color)	4289232007 (0xFFA87C87)
YUV	138.4100, -1.6811, 25.9504
Hunter-Lab	49.4868, 13.4183, 3.2660

Details

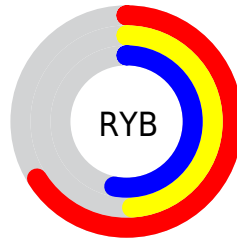
The RYB color **168, 124, 135** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124, 149, 168**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **224, 177, 188**, and **115, 75, 85** is the 20% darker color. If you saturate the color by 10%, you get **168, 107, 122**, and if you desaturate by 10%, it is **168, 141, 148**.

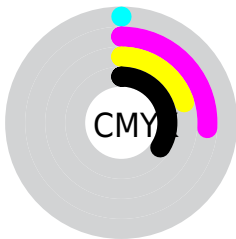
Distribution



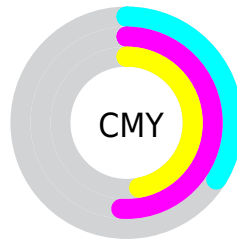
- Red (66%)
- Green (49%)
- Blue (53%)



- Red (66%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 124, 135 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 168, 124, 135 by changing the saturation by 10% instead.


 168, 124, 135


255, 255, 255


 224, 177, 188


 253, 204, 216

 255, 233, 244

 168, 124, 135

 141, 99, 110

 115, 75, 85

 90, 52, 62

 66, 30, 40

 43, 8, 20


 11, 0, 0


 0, 0, 0

 168, 124, 135

 168, 107, 122

 168, 124, 135

 168, 141, 148

 168, 90, 110

 168, 158, 160

 168, 74, 97

 168, 171, 174

 168, 57, 85

 168, 181, 191

 168, 40, 72

 168, 191, 208

 168, 23, 59

 168, 200, 225

 168, 6, 47

 168, 210, 242

 168, 0, 42

 168, 217, 255

 168, 213, 255

Harmonies

Analogous

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



158, 126, 151



168, 124, 135



169, 126, 119

Triad

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



168, 124, 135



108, 140, 119



98, 124, 164

Complementary

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



168, 124, 135



124, 149, 168

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.



89, 119, 153



168, 124, 135



110, 136, 144

Square

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



168, 124, 135



120, 147, 103



95, 122, 145



118, 132, 168

Rectangle

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



168, 124, 135



164, 137, 110



95, 122, 145



94, 122, 161

Sweetspot

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



168, 124, 135



219, 202, 206



157, 124, 168



110, 99, 101



237, 237, 237



110, 110, 110

Same Dimension

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



168, 124, 135



219, 151, 168



168, 139, 124



84, 76, 78



148, 0, 37



20, 0, 5

Inverse Universe

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



168, 124, 135



219, 151, 168



124, 143, 168



84, 76, 78



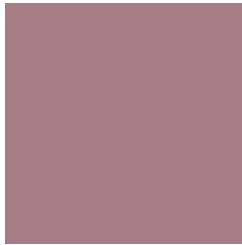
148, 0, 37



20, 0, 5

Previews

White Background



This preview shows how the RYB color 168, 124, 135 looks on a white background.

Color Contrast Check

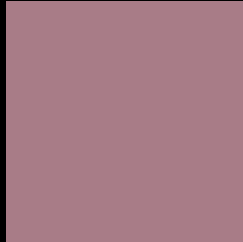
Large Text (above 18pt) WCAG AA ✓ Pass

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 168, 124, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

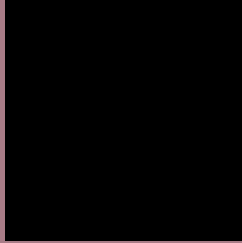
Any Text WCAG AA ✓ Pass

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 168, 124, 135 Background



This preview shows how black text looks on a background with the RYB color 168, 124, 135.



This preview shows how white text looks on a background with the RYB color 168, 124, 135.

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
168, 124, 135

Protanopia
137, 135, 142

Deuteranopia
150, 132, 134



Tritanopia
168, 124, 134

Trichromacy



Original Color
168, 124, 135

Protanomaly
148, 131, 139

Deuteranomaly
157, 129, 134

Tritanomaly
168, 124, 134

Monochromacy



Original Color
168, 124, 135

Achromatopsia
138, 138, 138

Achromatomaly
149, 133, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 124, 135 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(168, 124, 135) looks like.

```
.text, #text, p{  
    color:rgb(168, 124, 135)  
}
```

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(168, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 124, 135) }
```

Border

The CSS property to change the border of an element to RYB 168, 124, 135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

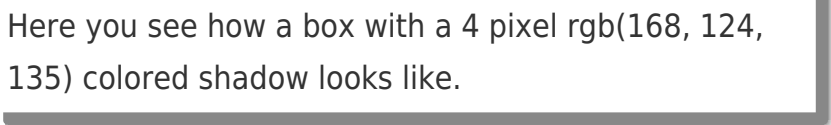
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 124, 135) }
```

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

```
.border{ border-color:rgb(168, 124, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 124, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 124, 135); box-shadow:4px 4px 4px 4px rgb(168, 124, 135) }
```

Background

The CSS property to change the background color of an element to RYB 168, 124, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 124, 135) }
```

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

```
.background{ background-color: rgb(168,  
124, 135) }
```

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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