

Converting Colors

`RYB(167, 138, 135)`

Have a look what the booklet for
RYB(167, 138, 135) contains.

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Color

R_YB(167, 138, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A78A87
RGB	167, 138, 135
RGB Percent	65%, 54%, 53%
CMY	0.3451, 0.4598, 0.4706
CMYK	0.00, 0.18, 0.19, 0.35
HSL	5°, 15%, 59%
HSV	5°, 19%, 65%
XYZ	29.3612, 28.0680, 26.7918
YIQ	146.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

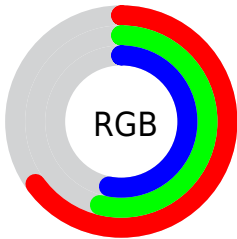
Format	Color
R_{YB}	167, 138, 135
Decimal	10979975
CIE _{Lab}	59.95, 10.63, 5.62
CIE _{LCh}	60, 12.023, 27.878
Yxy	28.0680, 0.3486, 0.3333
Android (android.graphics.Color)	4289170055 (0xFFA78A87)
YUV	146.3290, -5.5852, 18.1285
Hunter-Lab	52.9793, 6.2112, 7.1023

Details

The RYB color **167, 138, 135** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **135, 150, 167**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **222, 191, 188**, and **115, 88, 85** is the 20% darker color. If you saturate the color by 10%, you get **167, 122, 118**, and if you desaturate by 10%, it is **167, 153, 152**.

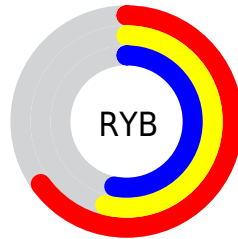
Distribution



Red (65%)

Green (54%)

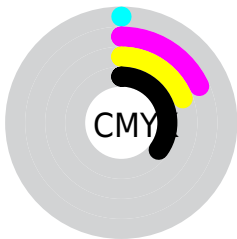
Blue (53%)



Red (65%)

Yellow (54%)

Blue (53%)

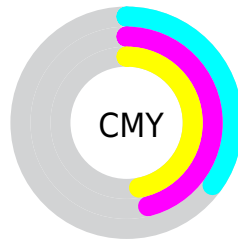


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 167, 138, 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 167, 138, 135 by changing the saturation by 10% instead.


 167, 138, 135


255, 255, 255


 222, 191, 188


 251, 219, 216

 255, 250, 244


 167, 138, 135

 140, 112, 110

 115, 88, 85

 90, 64, 62

 66, 42, 40


 43, 22, 20

 22, 0, 0

 0, 0, 0


 167, 138, 135

 167, 122, 118

 167, 138, 135

 167, 153, 152


 167, 107, 102

 167, 168, 168

 167, 93, 85

 167, 176, 185


 167, 78, 68

 167, 184, 202

 167, 62, 52

 167, 191, 218

 167, 47, 35

 167, 199, 235

 167, 32, 18

 167, 208, 252

 167, 17, 1

 167, 211, 255

 167, 15, 0

Harmonies

Analogous

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



165, 137, 146



167, 138, 135



163, 147, 127

Triad

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



167, 138, 135



130, 146, 149



132, 142, 165

Complementary

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



167, 138, 135



135, 150, 167

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.



121, 138, 162



167, 138, 135



121, 138, 151

Square

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



167, 138, 135



126, 147, 131



117, 134, 154



146, 142, 163

Rectangle

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



167, 138, 135



152, 157, 124



117, 134, 154



128, 141, 165

Sweetspot

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



167, 138, 135



217, 205, 204



167, 135, 164



110, 103, 102



237, 237, 237



110, 110, 110

Same Dimension

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



167, 138, 135



217, 171, 167



157, 167, 135



84, 76, 76



148, 14, 0



20, 2, 0

Inverse Universe

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



135, 150, 167



167, 191, 217



135, 144, 167



76, 80, 84



0, 71, 148



0, 10, 20

Previews

White Background



This preview shows how the RYB color 167, 138, 135 looks on a white background.

Color Contrast Check

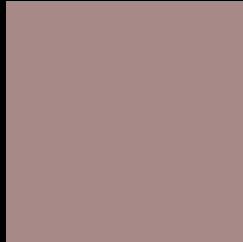
Large Text (above 18pt) WCAG AA ✓ Pass

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 167, 138, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

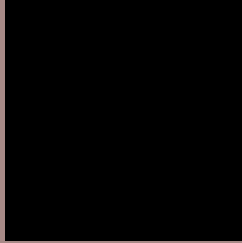
Any Text WCAG AA ✓ Pass

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 167, 138, 135 Background



This preview shows how black text looks on a background with the RYB color 167, 138, 135.



This preview shows how white text looks on a background with the RYB color 167, 138, 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
167, 138, 135

Protanopia
147, 149, 138

Deuteranopia
162, 141, 135



Tritanopia
168, 136, 147

Trichromacy



Original Color

167, 138, 135

Protanomaly

156, 144, 137

Deuteranomaly

164, 140, 135

Tritanomaly

168, 137, 143

Monochromacy



Original Color

167, 138, 135

Achromatopsia

146, 146, 146

Achromatomaly

154, 143, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 138, 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(167, 138, 135) looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 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(167, 138, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 135) }
```

Border

The CSS property to change the border of an element to RYB 167, 138, 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(167, 138, 135) }
```

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

```
.border{ border-color:rgb(167, 138, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 135);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 167, 138, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 135) }
```

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

```
.background{ background-color: rgb(167,  
138, 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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