

Converting Colors

`RYB(167, 136, 137)`

Have a look what the booklet for
RYB(167, 136, 137) contains.

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Color

R_YB(167, 136, 137)

Conversions

Conversions Part 1

Format	Color
Hex	A78889
RGB	167, 136, 137
RGB Percent	65%, 53%, 54%
CMY	0.3451, 0.4667, 0.4627
CMYK	0.00, 0.19, 0.18, 0.35
HSL	358°, 15%, 59%
HSV	358°, 19%, 65%
XYZ	29.2559, 27.6300, 27.4581
YIQ	145.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

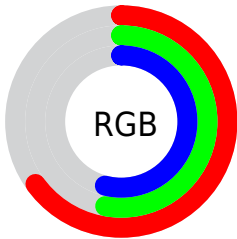
Format	Color
R_{YB}	167, 136, 137
Decimal	10979465
CIE Lab	59.55, 11.93, 3.91
CIE LCh	60, 12.558, 18.124
Yxy	27.6300, 0.3469, 0.3276
Android (android.graphics.Color)	4289169545 (0xFFA78889)
YUV	145.3830, -4.1328, 18.9581
Hunter-Lab	52.5642, 7.3611, 5.8235

Details

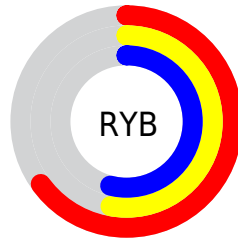
The RYB color **167, 136, 137** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **136, 152, 167**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **222, 189, 190**, and **115, 86, 87** is the 20% darker color. If you saturate the color by 10%, you get **167, 119, 121**, and if you desaturate by 10%, it is **167, 153, 153**.

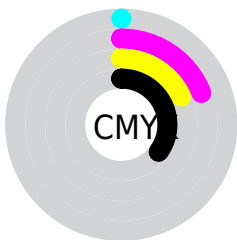
Distribution



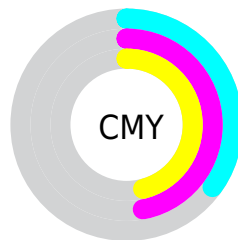
- Red (65%)
- Green (53%)
- Blue (54%)



- Red (65%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 167, 136, 137 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, 136, 137 by changing the saturation by 10% instead.

 167, 136, 137

255, 255, 255

 222, 189, 190


 251, 217, 218

 255, 246, 247

 167, 136, 137

 140, 111, 112

 115, 86, 87


 90, 63, 64


 66, 41, 42


 43, 20, 22


 22, 0, 0


 0, 0, 0

 167, 136, 137

 167, 119, 121

 167, 136, 137

 167, 153, 153

 167, 103, 105

 167, 168, 169

 167, 86, 89

 167, 177, 186

 167, 69, 72

 167, 185, 203

 167, 52, 56

 167, 193, 219

 167, 36, 40

 167, 202, 236

 167, 19, 24

 167, 211, 253

 167, 2, 8

 167, 211, 255

 167, 0, 5

Harmonies

Analogous

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



163, 136, 148



167, 136, 137



165, 142, 127

Triad

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



167, 136, 137



128, 148, 144



126, 139, 165

Complementary

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



167, 136, 137



136, 152, 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.



117, 135, 159



167, 136, 137



121, 139, 150

Square

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



167, 136, 137



122, 145, 122



115, 133, 150



140, 142, 164

Rectangle

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



167, 136, 137



160, 154, 123



115, 133, 150



122, 138, 164

Sweetspot

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



167, 136, 137



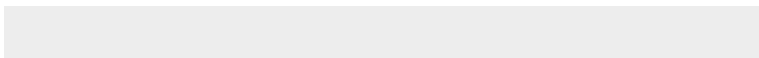
217, 204, 204



166, 136, 167



110, 102, 102



237, 237, 237



110, 110, 110

Same Dimension

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



167, 136, 137



217, 169, 171



167, 162, 136



84, 76, 76



148, 0, 5



20, 0, 1

Inverse Universe

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



167, 136, 137



217, 169, 171



136, 147, 167



84, 76, 76



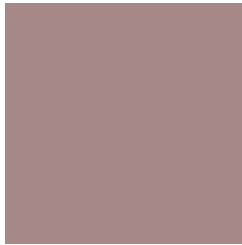
148, 0, 5



20, 0, 1

Previews

White Background



This preview shows how the RYB color 167, 136, 137 looks on a white background.

Color Contrast Check

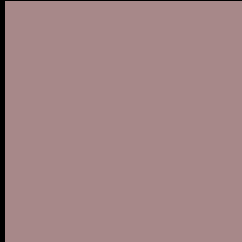
Large Text (above 18pt) WCAG AA ✓ Pass

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, 136, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

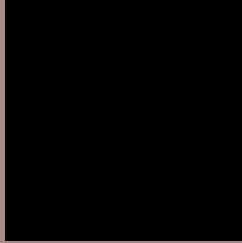
Any Text WCAG AA ✓ Pass

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, 136, 137 Background



This preview shows how black text looks on a background with the RYB color 167, 136, 137.



This preview shows how white text looks on a background with the RYB color 167, 136, 137.

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, 136, 137

Protanopia
147, 144, 141

Deuteranopia
160, 139, 136



Tritanopia
168, 135, 145

Trichromacy



Original Color

167, 136, 137

Protanomaly

154, 140, 140

Deuteranomaly

163, 138, 136

Tritanomaly

168, 135, 142

Monochromacy



Original Color

167, 136, 137

Achromatopsia

145, 145, 145

Achromatomaly

153, 142, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 136, 137 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, 136, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 137)  
}
```

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, 136, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 137) }
```

Border

The CSS property to change the border of an element to RYB 167, 136, 137 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, 136, 137) }
```

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

```
.border{ border-color:rgb(167, 136, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 136, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 137);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 167, 136, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 137) }
```

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

```
.background{ background-color: rgb(167,  
136, 137) }
```

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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