

Converting Colors

`RYB(170, 136, 136)`

Have a look what the booklet for
RYB(170, 136, 136) contains.

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Color

R_YB(170, 136, 136)

Conversions

Conversions Part 1

Format	Color
Hex	AA8888
RGB	170, 136, 136
RGB Percent	67%, 53%, 53%
CMY	0.3333, 0.4667, 0.4667
CMYK	0.00, 0.20, 0.20, 0.33
HSL	0°, 17%, 60%
HSV	0°, 20%, 67%
XYZ	29.8257, 27.9319, 27.1120
YIQ	146.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

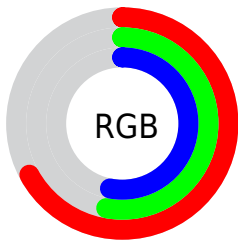
Format	Color
R_{YB}	170, 136, 136
Decimal	11176072
CIE _{Lab}	59.83, 12.93, 4.91
CIE _{LCh}	60, 13.832, 20.803
Yxy	27.9319, 0.3514, 0.3291
Android (android.graphics.Color)	4289366152 (0xFFAA8888)
YUV	146.1660, -5.0118, 20.9024
Hunter-Lab	52.8507, 8.2457, 6.5802

Details

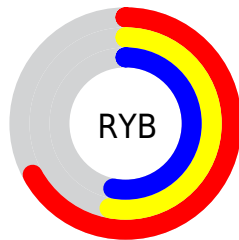
The RYB color **170, 136, 136** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **136, 153, 170**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **226, 189, 189**, and **117, 86, 86** is the 20% darker color. If you saturate the color by 10%, you get **170, 119, 119**, and if you desaturate by 10%, it is **170, 153, 153**.

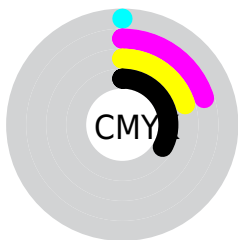
Distribution



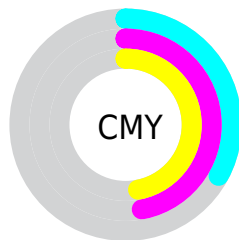
- Red (67%)
- Green (53%)
- Blue (53%)



- Red (67%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (33%)




- Cyan (33%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 136, 136 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 170, 136, 136 by changing the saturation by 10% instead.


 170, 136, 136

255, 255, 255

 226, 189, 189


 255, 217, 217


 255, 246, 245

 170, 136, 136

 143, 111, 111

 117, 86, 86

 92, 63, 63

 68, 41, 41

 45, 20, 21


 25, 0, 1


 0, 0, 0

 170, 136, 136

 170, 119, 119


 170, 136, 136

 170, 153, 153


 170, 102, 102

 170, 170, 170


 170, 85, 85

 170, 179, 187

 170, 68, 68

 170, 187, 204

 170, 51, 51

 170, 196, 221

 170, 34, 34

 170, 204, 238

 170, 17, 17

 170, 213, 255

 170, 0, 0

Harmonies

Analogous

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



167, 136, 148



170, 136, 136



167, 143, 126

Triad

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



170, 136, 136



128, 149, 146



126, 140, 168

Complementary

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



170, 136, 136



136, 153, 170

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.



115, 135, 163



170, 136, 136



119, 138, 151

Square

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



170, 136, 136



121, 146, 122



112, 132, 152



142, 142, 167

Rectangle

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



170, 136, 136



161, 161, 121



112, 132, 152



122, 138, 167

Sweetspot

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



170, 136, 136



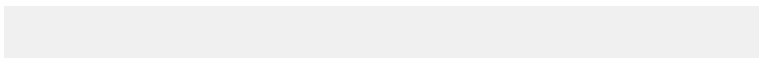
222, 209, 209



170, 136, 170



112, 104, 104



240, 240, 240



112, 112, 112

Same Dimension

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



170, 136, 136



222, 169, 169



170, 170, 136



84, 76, 76



148, 0, 0



20, 0, 0

Inverse Universe

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



136, 153, 170



169, 196, 222



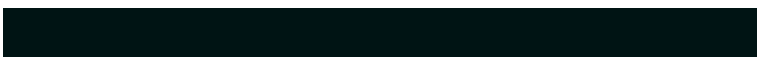
136, 147, 170



76, 80, 84



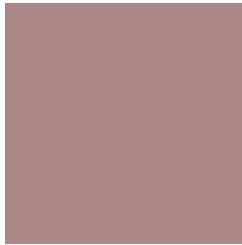
0, 74, 148



0, 10, 20

Previews

White Background



This preview shows how the RYB color 170, 136, 136 looks on a white background.

Color Contrast Check

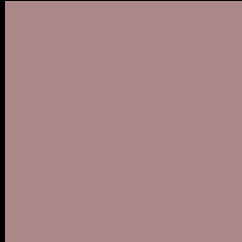
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 136, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

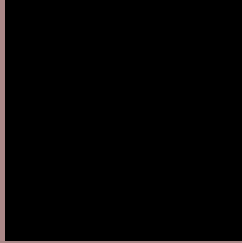
Any Text WCAG AA ✓ Pass

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 170, 136, 136 Background



This preview shows how black text looks on a background with the RYB color 170, 136, 136.



This preview shows how white text looks on a background with the RYB color 170, 136, 136.

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
170, 136, 136

Protanopia
148, 148, 140

Deuteranopia
162, 140, 135



Tritanopia
171, 135, 145

Trichromacy



Original Color

170, 136, 136

Protanomaly

156, 141, 139

Deuteranomaly

165, 138, 135

Tritanomaly

171, 135, 142

Monochromacy



Original Color

170, 136, 136

Achromatopsia

146, 146, 146

Achromatomaly

155, 142, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 136, 136 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(170, 136, 136) looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 136)  
}
```

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(170, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 136) }
```

Border

The CSS property to change the border of an element to RYB 170, 136, 136 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(170, 136, 136) }
```

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

```
.border{ border-color:rgb(170, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 136,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 170, 136, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 136) }
```

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

```
.background{ background-color: rgb(170,  
136, 136) }
```

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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