

Converting Colors

`RYB(137, 110, 110)`

Have a look what the booklet for
RYB(137, 110, 110) contains.

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Color

R_YB(137, 110, 110)

Conversions

Conversions Part 1

Format	Color
Hex	896E6E
RGB	137, 110, 110
RGB Percent	54%, 43%, 43%
CMY	0.4627, 0.5686, 0.5686
CMYK	0.00, 0.20, 0.20, 0.46
HSL	0°, 11%, 48%
HSV	0°, 20%, 54%
XYZ	18.7069, 17.5960, 17.1623
YIQ	118.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

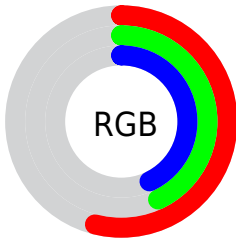
Format	Color
R_{YB}	137, 110, 110
Decimal	9006702
CIE _{Lab}	49.00, 10.66, 4.04
CIE _{LCh}	49, 11.399, 20.743
Yxy	17.5960, 0.3499, 0.3291
Android (android.graphics.Color)	4287196782 (0xFF896E6E)
YUV	118.0730, -3.9800, 16.5990
Hunter-Lab	41.9476, 6.1955, 5.1057

Details

The RYB color **137, 110, 110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110, 124, 137**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **191, 162, 162**, and **87, 62, 63** is the 20% darker color. If you saturate the color by 10%, you get **137, 96, 96**, and if you desaturate by 10%, it is **137, 124, 124**.

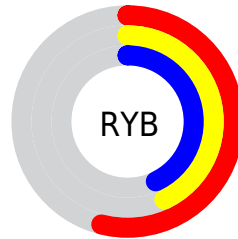
Distribution



Red (54%)

Green (43%)

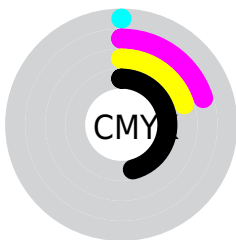
Blue (43%)



Red (54%)

Yellow (43%)

Blue (43%)

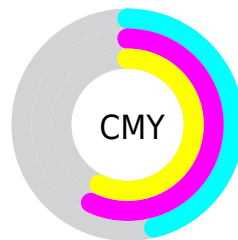


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (46%)



Cyan (46%)

Magenta (57%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the RYB color 137, 110, 110 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 137, 110, 110 by changing the saturation by 10% instead.

 137, 110, 110

255, 255, 255

 191, 162, 162

 219, 189, 189

 247, 216, 216


 255, 245, 245

 137, 110, 110

 137, 96, 96

 137, 83, 83

 137, 110, 110

 111, 86, 86

 87, 62, 63

 63, 40, 41


 40, 20, 20

 16, 0, 0

 0, 0, 0

 137, 110, 110


 137, 124, 124

 137, 137, 137


 137, 69, 69

 137, 144, 151


 137, 55, 55

 137, 151, 165


 137, 42, 42

 137, 158, 179


 137, 28, 28


 137, 165, 192

 137, 14, 14

 137, 172, 206

 137, 0, 0

 137, 179, 220

 137, 185, 233

Harmonies

Analogous

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



134, 110, 120



137, 110, 110



134, 117, 102

Triad

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



137, 110, 110



104, 120, 118



102, 113, 135

Complementary

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



137, 110, 110



110, 124, 137

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.



94, 110, 131



137, 110, 110



96, 112, 122

Square

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



137, 110, 110



98, 118, 99



91, 107, 123



114, 115, 134

Rectangle

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



137, 110, 110



130, 130, 98



91, 107, 123



99, 112, 134

Sweetspot

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



137, 110, 110



179, 168, 168



137, 110, 137



89, 83, 83



217, 217, 217



89, 89, 89

Same Dimension

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



137, 110, 110



179, 136, 136



135, 137, 110



69, 62, 62



133, 0, 0



5, 0, 0

Inverse Universe

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



110, 124, 137



136, 158, 179



110, 119, 137



62, 66, 69



0, 67, 133



0, 3, 5

Previews

White Background



This preview shows how the RYB color 137, 110, 110 looks on a white background.

Color Contrast Check

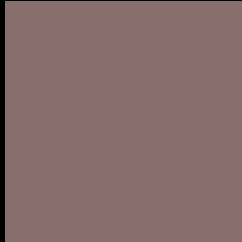
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 137, 110, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

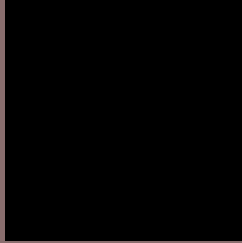
Any Text WCAG AA ✓ Pass

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 137, 110, 110 Background



This preview shows how black text looks on a background with the RYB color 137, 110, 110.

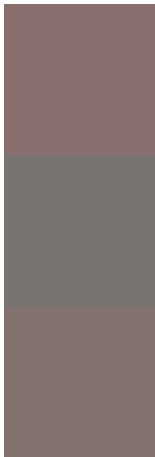


This preview shows how white text looks on a background with the RYB color 137, 110, 110.

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
137, 110, 110

Protanopia
119, 119, 113

Deuteranopia
131, 114, 110



Tritanopia
138, 109, 117

Trichromacy



Original Color

137, 110, 110

Protanomaly

126, 114, 112

Deuteranomaly

133, 112, 110

Tritanomaly

138, 109, 114

Monochromacy



Original Color

137, 110, 110

Achromatopsia

118, 118, 118

Achromatomaly

125, 115, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 110, 110 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(137, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(137, 110, 110)  
}
```

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(137, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 110, 110) }
```

Border

The CSS property to change the border of an element to RYB 137, 110, 110 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(137, 110, 110) }
```

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

```
.border{ border-color:rgb(137, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(137, 110,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 137, 110, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 110, 110) }
```

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

```
.background{ background-color: rgb(137,  
110, 110) }
```

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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