

Converting Colors

`RYB(142, 108, 107)`

Have a look what the booklet for
RYB(142, 108, 107) contains.

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Color

R_YB(142, 108, 107)

Conversions

Conversions Part 1

Format	Color
Hex	8E6C6B
RGB	142, 108, 107
RGB Percent	56%, 42%, 42%
CMY	0.4431, 0.5766, 0.5804
CMYK	0.00, 0.24, 0.25, 0.44
HSL	2°, 14%, 49%
HSV	2°, 25%, 56%
XYZ	19.1688, 17.5316, 16.2835
YIQ	118.0520, 20.5850, 6.8970

Conversions

Conversions Part 2

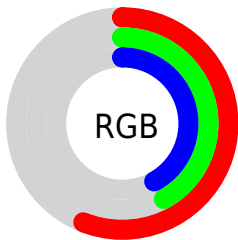
Format	Color
R_{YB}	142, 108, 107
Decimal	9333867
CIE _{Lab}	48.92, 13.38, 5.78
CIE _{LCh}	49, 14.570, 23.357
Yxy	17.5316, 0.3618, 0.3309
Android (android.graphics.Color)	4287523947 (0xFF8E6C6B)
YUV	118.0520, -5.4486, 21.0024
Hunter-Lab	41.8707, 8.4451, 6.2516

Details

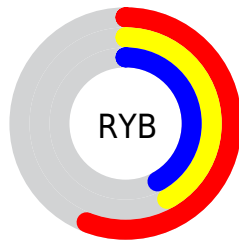
The RYB color **142, 108, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 124, 142**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **196, 160, 158**, and **91, 60, 60** is the 20% darker color. If you saturate the color by 10%, you get **142, 94, 93**, and if you desaturate by 10%, it is **142, 122, 121**.

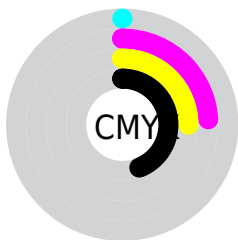
Distribution



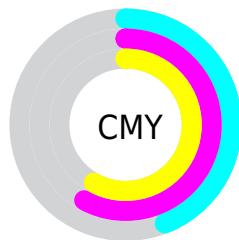
- Red (56%)
- Green (42%)
- Blue (42%)



- Red (56%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (25%)
- Black (44%)




- Cyan (44%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 108, 107 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 142, 108, 107 by changing the saturation by 10% instead.

 142, 108, 107


255, 255, 255

 196, 160, 158


 225, 187, 185

 253, 214, 213


 255, 243, 241

 142, 108, 107

 116, 84, 83


 91, 60, 60

 67, 38, 38

 44, 18, 17


 20, 0, 0


 0, 0, 0


 142, 108, 107

 142, 94, 93


 142, 80, 79

 142, 108, 107


 142, 122, 121

 142, 136, 135


 142, 67, 64

 142, 146, 150


 142, 53, 50

 142, 153, 164


 142, 39, 36

 142, 160, 178


 142, 25, 22


 142, 167, 192

 142, 11, 8

 142, 174, 206

 142, 4, 0

 142, 181, 221

 142, 188, 235

Harmonies

Analogous

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



139, 108, 119



142, 108, 107



138, 118, 97

Triad

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



142, 108, 107



101, 122, 122



99, 112, 140

Complementary

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



142, 108, 107



107, 124, 142

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.



86, 107, 136



142, 108, 107



89, 109, 123

Square

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



142, 108, 107



93, 118, 96



83, 104, 126



115, 114, 139

Rectangle

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



142, 108, 107



130, 132, 93



83, 104, 126



94, 110, 139

Sweetspot

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



142, 108, 107



184, 171, 171



142, 107, 141



92, 85, 84



219, 219, 219



92, 92, 92

Same Dimension

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



142, 108, 107



184, 130, 129



140, 142, 107



71, 64, 64



135, 4, 0



8, 0, 0

Inverse Universe

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



107, 124, 142



129, 156, 184



107, 118, 142



64, 68, 71



0, 66, 135



0, 4, 8

Previews

White Background



This preview shows how the RYB color 142, 108, 107 looks on a white background.

Color Contrast Check

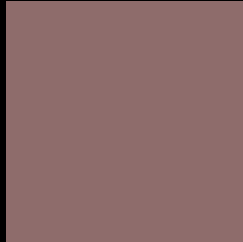
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 108, 107 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 142, 108, 107 Background



This preview shows how black text looks on a background with the RYB color 142, 108, 107.



This preview shows how white text looks on a background with the RYB color 142, 108, 107.

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

[142, 108, 107](#)

Protanopia

[118, 120, 111](#)

Deuteranopia

[131, 114, 106](#)



Tritanopia
143, 107, 115

Trichromacy



Original Color

142, 108, 107

Protanomaly

128, 114, 110

Deuteranomaly

135, 112, 106

Tritanomaly

143, 107, 112

Monochromacy



Original Color

142, 108, 107

Achromatopsia

118, 118, 118

Achromatomaly

127, 114, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 108, 107 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(142, 108, 107) looks like.

```
.text, #text, p{  
    color:rgb(142, 108, 107)  
}
```

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(142, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 108, 107) }
```

Border

The CSS property to change the border of an element to RYB 142, 108, 107 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(142, 108, 107) }
```

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

```
.border{ border-color:rgb(142, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(142, 108,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 142, 108, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 108, 107) }
```

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

```
.background{ background-color: rgb(142,  
108, 107) }
```

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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