

Converting Colors

`RYB(147, 132, 113)`

Have a look what the booklet for
RYB(147, 132, 113) contains.

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Color

R_YB(147, 132, 113)

Conversions

Conversions Part 1

Format	Color
Hex	937D71
RGB	147, 125, 113
RGB Percent	58%, 49%, 44%
CMY	0.4235, 0.5091, 0.5569
CMYK	0.00, 0.15, 0.23, 0.42
HSL	22°, 14%, 51%
HSV	22°, 23%, 58%
XYZ	22.3708, 22.1103, 18.7114
YIQ	130.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

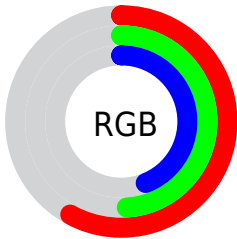
Format	Color
RYB	147, 132, 113
Decimal	9665905
CIELab	54.14, 6.37, 9.74
CIELCh	54, 11.639, 56.844
Yxy	22.1103, 0.3540, 0.3499
Android (android.graphics.Color)	4287855985 (0xFF937D71)
YUV	130.2100, -8.4845, 14.7248
Hunter-Lab	47.0216, 2.6344, 9.3217

Details

The RYB color **147, 132, 113** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **113, 126, 147**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **201, 185, 165**, and **96, 82, 65** is the 20% darker color. If you saturate the color by 10%, you get **147, 126, 98**, and if you desaturate by 10%, it is **147, 139, 128**.

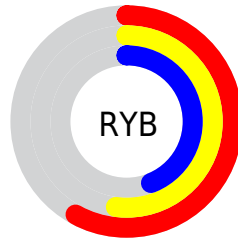
Distribution



Red (58%)

Green (49%)

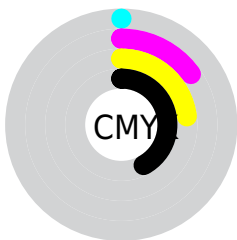
Blue (44%)



Red (58%)

Yellow (52%)

Blue (44%)

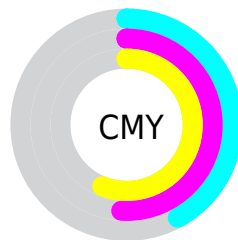


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 132, 113 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 147, 132, 113 by changing the saturation by 10% instead.

 147, 132, 113

255, 255, 255

 201, 185, 165

 230, 212, 192

 255, 241, 220


 248, 255, 248

 147, 132, 113

 147, 126, 98

 147, 118, 84

 147, 132, 113

 121, 106, 89


 96, 82, 65

 72, 61, 43

 49, 37, 23

 29, 13, 0

 0, 0, 0

 147, 132, 113

 147, 139, 128

 147, 145, 142

■ 147, 113, 69

■ 147, 151, 157

■ 147, 105, 54

■ 147, 157, 172

■ 147, 100, 39

■ 147, 162, 187

■ 147, 94, 25

■ 147, 168, 201

■ 147, 86, 10

■ 147, 174, 216

■ 147, 83, 0

■ 147, 180, 231

■ 147, 185, 245

Harmonies

Analogous

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



151, 123, 121



147, 132, 113



128, 139, 110

Triad

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



147, 132, 113



107, 123, 135



130, 127, 147

Complementary

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



147, 132, 113



113, 126, 147

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, 127, 149



147, 132, 113



103, 120, 138

Square

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



147, 132, 113



116, 132, 134



107, 123, 146



142, 124, 141

Rectangle

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



147, 132, 113



110, 131, 110



107, 123, 146



126, 128, 149

Sweetspot

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



147, 132, 113



191, 186, 178



147, 113, 135



97, 94, 89



224, 224, 224



97, 97, 97

Same Dimension

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



147, 132, 113



191, 168, 138



119, 147, 113



74, 70, 67



138, 76, 0



10, 7, 0

Inverse Universe

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



113, 126, 147



138, 159, 191



113, 117, 147



67, 70, 74



0, 54, 138



0, 4, 10

Previews

White Background



This preview shows how the RYB color 147, 132, 113 looks on a white background.

Color Contrast Check

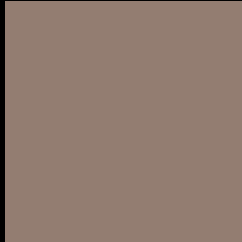
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 132, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

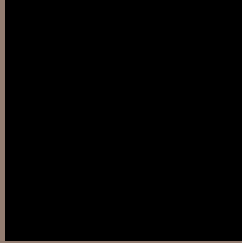
Any Text WCAG AA ✓ Pass

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 147, 132, 113 Background



This preview shows how black text looks on a background with the RYB color 147, 132, 113.



This preview shows how white text looks on a background with the RYB color 147, 132, 113.

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

[147](#), [132](#), [113](#)

Protanopia

[124](#), [135](#), [115](#)

Deuteranopia

[148](#), [131](#), [113](#)



Tritanopia
149, 122, 132

Trichromacy



Original Color

147, 132, 113

Protanomaly

134, 139, 114

Deuteranomaly

148, 131, 113

Tritanomaly

148, 123, 125

Monochromacy



Original Color

147, 132, 113

Achromatopsia

130, 130, 130

Achromatomaly

136, 130, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 132, 113 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(147, 125, 113) looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 113)  
}
```

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(147, 125, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 113) }
```

Border

The CSS property to change the border of an element to RYB 147, 132, 113 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(147, 125, 113) }
```

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

```
.border{ border-color:rgb(147, 125, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 125, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 113);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 147, 132, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 113) }
```

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

```
.background{ background-color: rgb(147,  
125, 113) }
```

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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