

Converting Colors

`RYB(147, 102, 104)`

Have a look what the booklet for
RYB(147, 102, 104) contains.

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Color

R_YB(147, 102, 104)

Conversions

Conversions Part 1

Format	Color
Hex	936668
RGB	147, 102, 104
RGB Percent	58%, 40%, 41%
CMY	0.4235, 0.6000, 0.5922
CMYK	0.00, 0.31, 0.29, 0.42
HSL	357°, 18%, 49%
HSV	357°, 31%, 58%
XYZ	19.2827, 16.7053, 15.3048
YIQ	115.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

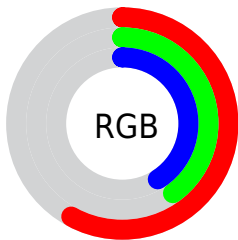
Format	Color
R_{YB}	147, 102, 104
Decimal	9660008
CIE _{Lab}	47.89, 18.42, 6.16
CIE _{LCh}	48, 19.426, 18.489
Yxy	16.7053, 0.3759, 0.3257
Android (android.graphics.Color)	4287850088 (0xFF936668)
YUV	115.6830, -5.7597, 27.4650
Hunter-Lab	40.8721, 12.6869, 6.4089

Details

The RYB color **147, 102, 104** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 125, 147**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **202, 153, 155**, and **95, 55, 57** is the 20% darker color. If you saturate the color by 10%, you get **147, 87, 90**, and if you desaturate by 10%, it is **147, 117, 118**.

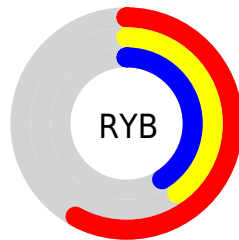
Distribution



Red (58%)

Green (40%)

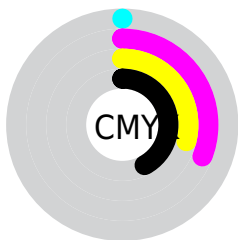
Blue (41%)



Red (58%)

Yellow (40%)

Blue (41%)

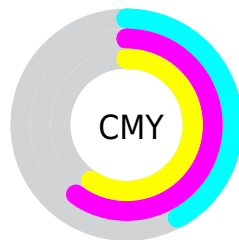


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (60%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 147, 102, 104 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, 102, 104 by changing the saturation by 10% instead.

 147, 102, 104

255, 255, 255


 202, 153, 155

 230, 180, 182

 255, 208, 209

 255, 236, 238

 147, 102, 104

 121, 78, 80

 95, 55, 57

 70, 32, 36

 47, 11, 14

 21, 0, 0

 0, 0, 0


 147, 102, 104

 147, 87, 90

 147, 73, 76

 147, 102, 104

 147, 117, 118

 147, 131, 132

■ 147, 58, 62

■ 147, 146, 146

■ 147, 43, 48

■ 147, 154, 161

■ 147, 29, 34

■ 147, 162, 176

■ 147, 14, 20

■ 147, 169, 190

■ 147, 0, 7

■ 147, 177, 205

■ 147, 185, 220

■ 147, 192, 234

Harmonies

Analogous

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



142, 102, 121



147, 102, 104



143, 111, 90

Triad

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



147, 102, 104



92, 120, 116



85, 106, 145

Complementary

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



147, 102, 104



102, 125, 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.



68, 98, 138



147, 102, 104



78, 105, 122

Square

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



147, 102, 104



82, 116, 83



66, 95, 123



108, 112, 145

Rectangle

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



147, 102, 104



136, 132, 84



66, 95, 123



78, 103, 144

Sweetspot

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



147, 102, 104



191, 174, 175



145, 102, 147



97, 86, 87



224, 224, 224



97, 97, 97

Same Dimension

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



147, 102, 104



191, 120, 124



147, 138, 102



74, 67, 67



138, 0, 6



10, 0, 0

Inverse Universe

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



147, 102, 104



191, 120, 124



102, 118, 147



74, 67, 67



138, 0, 6



10, 0, 0

Previews

White Background



This preview shows how the RYB color 147, 102, 104 looks on a white background.

Color Contrast Check

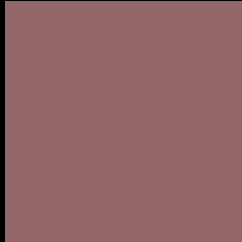
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 102, 104 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 147, 102, 104 Background



This preview shows how black text looks on a background with the RYP color 147, 102, 104.



This preview shows how white text looks on a background with the RYP color 147, 102, 104.

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, 102, 104

Protanopia

117, 115, 110

Deuteranopia

129, 113, 103



Tritanopia
148, 101, 109

Trichromacy



Original Color

147, 102, 104

Protanomaly

128, 109, 108

Deuteranomaly

136, 108, 103

Tritanomaly

148, 101, 107

Monochromacy



Original Color

147, 102, 104

Achromatopsia

116, 116, 116

Achromatomaly

127, 111, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 102, 104 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, 102, 104) looks like.

```
.text, #text, p{  
    color:rgb(147, 102, 104)  
}
```

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, 102, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 102, 104) }
```

Border

The CSS property to change the border of an element to RYB 147, 102, 104 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, 102, 104) }
```

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

```
.border{ border-color:rgb(147, 102, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 102, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 102, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 102, 104);  
box-shadow:4px 4px 4px 4px rgb(147, 102,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 147, 102, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 102, 104) }
```

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

```
.background{ background-color: rgb(147,  
102, 104) }
```

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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