

Converting Colors

`RYB(148, 104, 130)`

Have a look what the booklet for
RYB(148, 104, 130) contains.

RYB(148, 104, 130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(148, 104, 130)

Conversions

Conversions Part 1

Format	Color
Hex	946882
RGB	148, 104, 130
RGB Percent	58%, 41%, 51%
CMY	0.4196, 0.5922, 0.4902
CMYK	0.00, 0.30, 0.12, 0.42
HSL	325°, 17%, 49%
HSV	325°, 30%, 58%
XYZ	21.1923, 17.8082, 23.4395
YIQ	120.1200, 17.8780, 17.4140

Conversions

Conversions Part 2

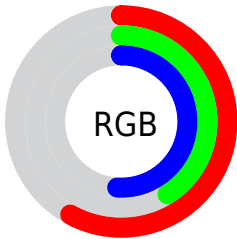
Format	Color
R_{YB}	148, 104, 130
Decimal	9726082
CIE _{Lab}	49.26, 21.89, -7.34
CIE _{LCh}	49, 23.086, 341.453
Yxy	17.8082, 0.3394, 0.2852
Android (android.graphics.Color)	4287916162 (0xFF946882)
YUV	120.1200, 4.8708, 24.4508
Hunter-Lab	42.1998, 15.7913, -3.3922

Details

The RYB color **148, 104, 130** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104, 135, 148**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **203, 156, 183**, and **96, 56, 81** is the 20% darker color. If you saturate the color by 10%, you get **148, 89, 124**, and if you desaturate by 10%, it is **148, 119, 136**.

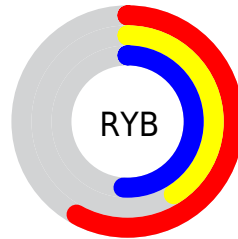
Distribution



Red (58%)

Green (41%)

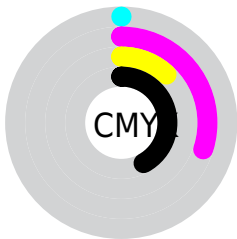
Blue (51%)



Red (58%)

Yellow (41%)

Blue (51%)

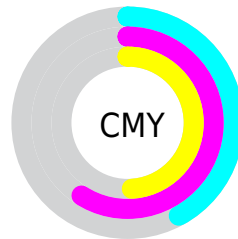


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 148, 104, 130 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 148, 104, 130 by changing the saturation by 10% instead.

 148, 104, 130

255, 255, 255

 203, 156, 183

 231, 183, 211

 255, 210, 239

 255, 239, 255

 148, 104, 130

 122, 80, 105

 96, 56, 81


 72, 34, 58

 49, 12, 36

 30, 0, 15

 0, 0, 0

 148, 104, 130

 148, 89, 124

 148, 74, 118

 148, 104, 130

 148, 119, 136

 148, 134, 142

■ 148, 60, 112

■ 148, 148, 148

■ 148, 45, 106

■ 148, 159, 163

■ 148, 30, 100

■ 148, 169, 178

■ 148, 15, 94

■ 148, 180, 193

■ 148, 0, 88

■ 148, 191, 208

■ 148, 0, 87

■ 148, 201, 222

■ 148, 211, 237

Harmonies

Analogous

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



129, 109, 146



148, 104, 130



156, 103, 110

Triad

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



148, 104, 130



84, 123, 78



55, 94, 142

Complementary

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



148, 104, 130



104, 135, 148

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.



59, 95, 128



148, 104, 130



87, 124, 109

Square

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



148, 104, 130



135, 141, 80



79, 111, 127



74, 104, 154

Rectangle

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



148, 104, 130



155, 105, 98



79, 111, 127



54, 93, 137

Sweetspot

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



148, 104, 130



191, 174, 184



122, 104, 148



97, 86, 93



224, 224, 224



97, 97, 97

Same Dimension

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



148, 104, 130



191, 122, 163



148, 104, 108



74, 67, 71



138, 0, 81



10, 0, 6

Inverse Universe

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



148, 104, 130



191, 122, 163



104, 127, 148



74, 67, 71



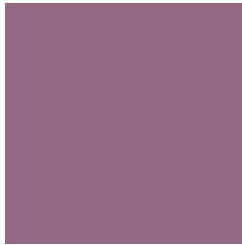
138, 0, 81



10, 0, 6

Previews

White Background



This preview shows how the RYB color 148, 104, 130 looks on a white background.

Color Contrast Check

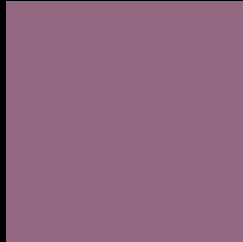
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 104, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

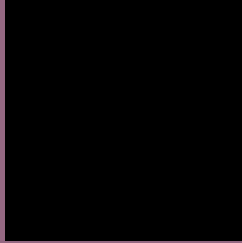
Any Text WCAG AA ✓ Pass

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 148, 104, 130 Background



This preview shows how black text looks on a background with the RYB color 148, 104, 130.



This preview shows how white text looks on a background with the RYB color 148, 104, 130.

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

148, 104, 130

Protanopia

113, 116, 138

Deuteranopia

124, 114, 128



Tritanopia
146, 107, 115

Trichromacy



Original Color

148, 104, 130

Protanomaly

126, 112, 135

Deuteranomaly

133, 110, 129

Tritanomaly

147, 106, 120

Monochromacy



Original Color

148, 104, 130

Achromatopsia

120, 120, 120

Achromatomaly

130, 114, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 104, 130 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(148, 104, 130) looks like.

```
.text, #text, p{  
    color:rgb(148, 104, 130)  
}
```

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(148, 104, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 104, 130) }
```

Border

The CSS property to change the border of an element to RYB 148, 104, 130 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(148, 104, 130) }
```

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

```
.border{ border-color:rgb(148, 104, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 104, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 104, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 104, 130);  
box-shadow:4px 4px 4px 4px rgb(148, 104,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 148, 104, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 104, 130) }
```

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

```
.background{ background-color: rgb(148,  
104, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor