

Converting Colors

`RYB(148, 114, 140)`

Have a look what the booklet for
RYB(148, 114, 140) contains.

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Color

R_YB(148, 114, 140)

Conversions

Conversions Part 1

Format	Color
Hex	94728C
RGB	148, 114, 140
RGB Percent	58%, 45%, 55%
CMY	0.4196, 0.5529, 0.4510
CMYK	0.00, 0.23, 0.05, 0.42
HSL	314°, 14%, 51%
HSV	314°, 23%, 58%
XYZ	22.9637, 20.2240, 27.5042
YIQ	127.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

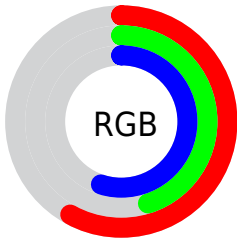
Format	Color
R_{YB}	148, 114, 140
Decimal	9728652
CIE Lab	52.09, 17.92, -9.03
CIE LCh	52, 20.072, 333.256
Yxy	20.2240, 0.3248, 0.2861
Android (android.graphics.Color)	4287918732 (0xFF94728C)
YUV	127.1300, 6.3449, 18.3030
Hunter-Lab	44.9711, 12.4485, -4.7819

Details

The RYB color **148, 114, 140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114, 142, 148**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **202, 166, 194**, and **97, 66, 90** is the 20% darker color. If you saturate the color by 10%, you get **148, 99, 137**, and if you desaturate by 10%, it is **148, 129, 143**.

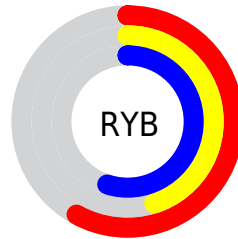
Distribution



Red (58%)

Green (45%)

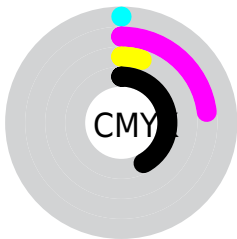
Blue (55%)



Red (58%)

Yellow (45%)

Blue (55%)

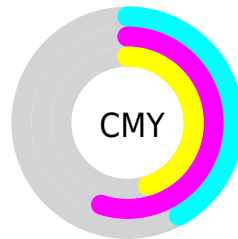


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the RYB color 148, 114, 140 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, 114, 140 by changing the saturation by 10% instead.

 148, 114, 140


255, 255, 255

 202, 166, 194

 231, 193, 221

 255, 221, 250

 255, 250, 255


 148, 114, 140

 122, 89, 114

 97, 66, 90

 73, 43, 67


 50, 22, 44

 31, 0, 24

 0, 0, 0

 148, 114, 140

 148, 99, 137

 148, 84, 133

 148, 114, 140

 148, 129, 143

 148, 144, 147

■ 148, 70, 130

■ 148, 156, 158

■ 148, 55, 126

■ 148, 168, 173

■ 148, 40, 123

■ 148, 181, 188

■ 148, 25, 119

■ 148, 192, 203

■ 148, 10, 116

■ 148, 205, 218

■ 148, 0, 113

■ 148, 216, 232

■ 148, 228, 247

Harmonies

Analogous

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



129, 119, 153



148, 114, 140



158, 112, 123

Triad

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



148, 114, 140



105, 135, 90



73, 105, 142

Complementary

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



148, 114, 140



114, 142, 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.



80, 109, 134



148, 114, 140



95, 129, 108

Square

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



148, 114, 140



150, 136, 94



97, 124, 132



84, 112, 154

Rectangle

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



148, 114, 140



159, 112, 111



97, 124, 132



74, 105, 137

Sweetspot

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



148, 114, 140



191, 178, 188



122, 114, 148



97, 89, 95



224, 224, 224



97, 97, 97

Same Dimension

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



148, 114, 140



191, 138, 179



148, 114, 123



74, 67, 72



138, 0, 105



10, 0, 8

Inverse Universe

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



148, 114, 140



191, 138, 179



114, 134, 148



74, 67, 72



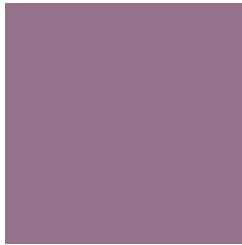
138, 0, 105



10, 0, 8

Previews

White Background



This preview shows how the RYB color 148, 114, 140 looks on a white background.

Color Contrast Check

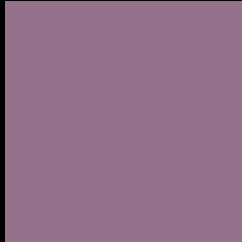
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 114, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

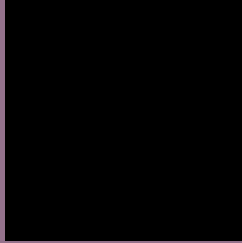
Any Text WCAG AA ✓ Pass

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, 114, 140 Background



This preview shows how black text looks on a background with the RYB color 148, 114, 140.



This preview shows how white text looks on a background with the RYB color 148, 114, 140.

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, 114, 140

Protanopia
120, 123, 146

Deuteranopia
130, 121, 139



Tritanopia
146, 117, 126

Trichromacy



Original Color

148, 114, 140

Protanomaly

130, 120, 144

Deuteranomaly

137, 118, 139

Tritanomaly

147, 116, 131

Monochromacy



Original Color

148, 114, 140

Achromatopsia

127, 127, 127

Achromatomaly

135, 122, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 114, 140 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, 114, 140) looks like.

```
.text, #text, p{  
    color:rgb(148, 114, 140)  
}
```

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, 114, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 114, 140) }
```

Border

The CSS property to change the border of an element to RYB 148, 114, 140 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, 114, 140) }
```

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

```
.border{ border-color:rgb(148, 114, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 114, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 114, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 114, 140);  
box-shadow:4px 4px 4px 4px rgb(148, 114,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 148, 114, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 114, 140) }
```

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

```
.background{ background-color: rgb(148,  
114, 140) }
```

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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