Converting Colors

RYB(150, 118, 140)

Have a look what the booklet for RYB(150, 118, 140) contains.

Color

RYB(150, 118, 140)

Conversions

Conversions Part 1

Format	Color
Hex	96768C
RGB	150, 118, 140
RGB Percent	59%, 46%, 55%
CMY	0.4118, 0.5373, 0.4510
CMYK	0.00, 0.21, 0.07, 0.41
HSL	319°, 13%, 53%
HSV	319°, 21%, 59%
XYZ	23.7897, 21.3343, 27.6750
YIQ	130.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

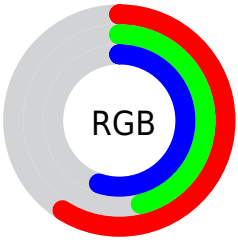
Format	Color
RYB	150, 118, 140
Decimal	9860748
CIELab	53.31, 16.34, -7.18
CIELCh	53, 17.848, 336.268
Yxy	21.3343, 0.3268, 0.2931
Android (android.graphics.Color)	4288050828 (0xFF96768C)
YUV	130.0760, 4.8925, 17.4733
Hunter-Lab	46.1891, 11.1056, -3.1923

Details

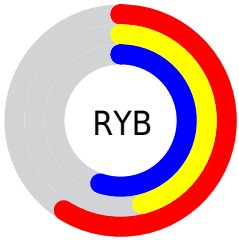
The RYB color 150, 118, 140 is a dark color, and the websafe version is hex 996666. A complement of this color would be 118, 142, 150, and the grayscale version is 130, 130, 130.

A 20% lighter version of the original color is 204, 170, 194, and 99, 69, 90 is the 20% darker color. If you saturate the color by 10%, you get 150, 103, 135, and if you desaturate by 10%, it is 150, 133, 145.

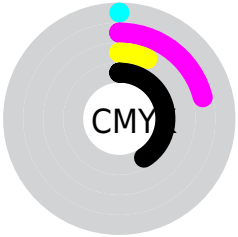
Distribution



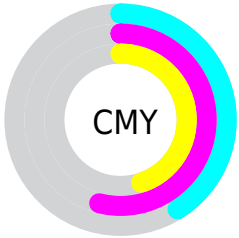
- Red (59%)
- Green (46%)
- Blue (55%)



- Red (59%)
- Yellow (46%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (41%)



- Cyan (41%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 118, 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 150, 118, 140 by changing the saturation by 10% instead.

150, 118, 140	150, 118, 140
255, 255, 255	124, 93, 115
204, 170, 194	99, 69, 90
233, 198, 221	75, 47, 67
255, 226, 250	52, 25, 44
255, 254, 255	32, 0, 24
	0, 0, 0

150, 118, 140	150, 118, 140
150, 103, 135	150, 133, 145
150, 88, 131	150, 148, 149

150, 73, 126

150, 58, 121

150, 43, 117

150, 28, 112

150, 13, 107

150, 0, 103

150, 160, 163

150, 171, 178

150, 183, 193

150, 194, 208

150, 206, 223

150, 217, 238

150, 229, 253

Harmonies

Analogous

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

134, 122, 152

150, 118, 140

158, 116, 125

Triad

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

150, 118, 140

109, 136, 97

84, 112, 145

Complementary

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

150, 118, 140

118, 142, 150

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.

88, 114, 136

150, 118, 140

102, 132, 115

Square

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

150, 118, 140

150, 139, 100

101, 125, 135

94, 117, 155

Rectangle

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

150, 118, 140

159, 117, 114

101, 125, 135

84, 111, 140

Sweetspot

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

150, 118, 140

194, 182, 190

128, 118, 150

97, 90, 95

224, 224, 224

97, 97, 97

Same Dimension

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

150, 118, 140

194, 143, 178

150, 118, 124

74, 67, 72

138, 0, 95

10, 0, 7

Inverse Universe

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

150, 118, 140

194, 143, 178

118, 136, 150

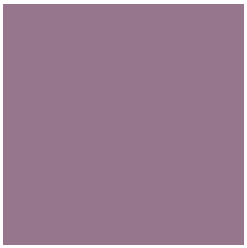
74, 67, 72

138, 0, 95

10, 0, 7

Previews

White Background

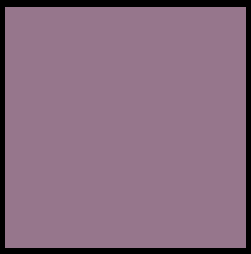


This preview shows how the RYB color 150, 118, 140 looks on a white background.

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



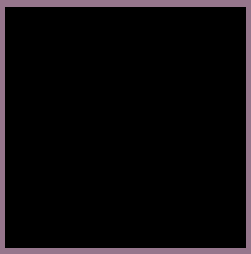
This preview shows how the RYB color 150, 118, 140 looks on a black background.

Color Contrast Check

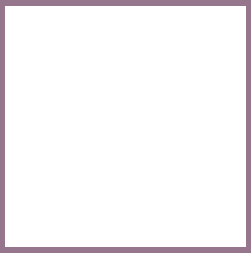
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 150, 118, 140 Background



This preview shows how black text looks on a background with the RYB color 150, 118, 140.



This preview shows how white text looks on a background with the RYB color 150, 118, 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
150, 118, 140

Protanopia
124, 127, 145

Deuteranopia
135, 124, 139

Tritanopia
149, 120, 129

Trichromacy

Original Color
150, 118, 140

Protanomaly
133, 124, 143

Deuteranomaly
140, 122, 139

Tritanomaly
149, 119, 133

Monochromacy

Original Color
150, 118, 140

Achromatopsia
130, 130, 130

Achromatomaly
137, 126, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 118, 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(150, 118, 140) looks like.

```
.text, #text, p{
    color:rgb(150, 118, 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(150, 118, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 118, 140) }
```

Border

The CSS property to change the border of an element to RYB 150, 118, 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(150, 118, 140) }
```

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

```
.border{ border-color:rgb(150, 118, 140) }
```

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

Here you see how a box with a 4 pixel rgb(150, 118, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 118, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 118, 140); box-shadow:4px 4px 4px 4px rgb(150, 118, 140) }
```

Background

The CSS property to change the background color of an element to RYB 150, 118, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(150, 118, 140) }
```

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

```
.background{ background-color:rgb(150,
118, 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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