

Converting Colors

`RYB(155, 107, 140)`

Have a look what the booklet for
RYB(155, 107, 140) contains.

RYB(155, 107, 140)	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(155, 107, 140)

Conversions

Conversions Part 1

Format	Color
Hex	9B6B8C
RGB	155, 107, 140
RGB Percent	61%, 42%, 55%
CMY	0.3922, 0.5804, 0.4510
CMYK	0.00, 0.31, 0.10, 0.39
HSL	319°, 19%, 51%
HSV	319°, 31%, 61%
XYZ	23.5089, 19.3774, 27.3121
YIQ	125.1140, 18.0150, 20.4390

Conversions

Conversions Part 2

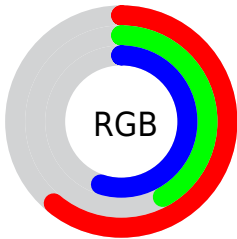
Format	Color
R_{YB}	155, 107, 140
Decimal	10185612
CIE _{Lab}	51.13, 24.52, -10.40
CIE _{LCh}	51, 26.637, 337.022
Yxy	19.3774, 0.3349, 0.2760
Android (android.graphics.Color)	4288375692 (0xFF9B6B8C)
YUV	125.1140, 7.3388, 26.2100
Hunter-Lab	44.0198, 18.2939, -5.9727

Details

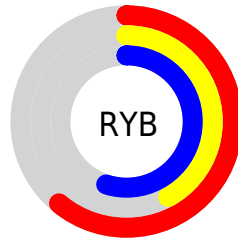
The RYB color **155, 107, 140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **107, 144, 155**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **210, 159, 194**, and **103, 59, 90** is the 20% darker color. If you saturate the color by 10%, you get **155, 92, 135**, and if you desaturate by 10%, it is **155, 123, 145**.

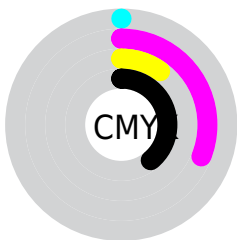
Distribution



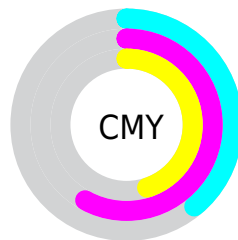
- Red (61%)
- Green (42%)
- Blue (55%)



- Red (61%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (39%)




- Cyan (39%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 107, 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 155, 107, 140 by changing the saturation by 10% instead.

 155, 107, 140

255, 255, 255

 210, 159, 194

 239, 186, 221

 255, 214, 250

 255, 242, 255

 155, 107, 140

 129, 82, 114

 103, 59, 90

 78, 36, 66

 54, 13, 44

 35, 0, 24

 0, 0, 0


 155, 107, 140

 155, 92, 135

 155, 76, 130

 155, 107, 140

 155, 123, 145


 155, 138, 150

 155, 61, 125


 155, 154, 155

 155, 45, 121

 155, 166, 169

 155, 30, 116

 155, 178, 185

 155, 14, 111

 155, 189, 200

 155, 0, 107

 155, 202, 216

 155, 213, 231

 155, 224, 246

Harmonies

Analogous

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



132, 114, 158



155, 107, 140



166, 104, 117

Triad

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



155, 107, 140



88, 132, 76



40, 90, 148

Complementary

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



155, 107, 140



107, 144, 155

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.



53, 95, 134



155, 107, 140



85, 129, 107

Square

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



155, 107, 140



152, 144, 80



80, 117, 133



63, 103, 163

Rectangle

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



155, 107, 140



166, 106, 102



80, 117, 133



41, 89, 142

Sweetspot

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



155, 107, 140



201, 183, 196



121, 107, 155



102, 91, 98



230, 230, 230



102, 102, 102

Same Dimension

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



155, 107, 140



201, 127, 178



155, 107, 117



77, 69, 74



140, 0, 96



13, 0, 9

Inverse Universe

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



155, 107, 140



201, 127, 178



107, 134, 155



77, 69, 74



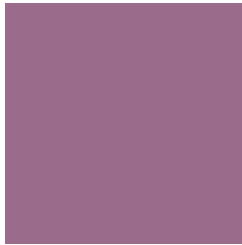
140, 0, 96



13, 0, 9

Previews

White Background



This preview shows how the RYB color 155, 107, 140 looks on a white background.

Color Contrast Check

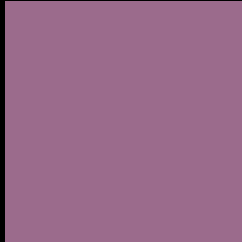
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 107, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

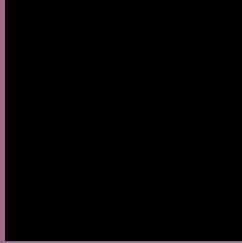
Any Text WCAG AA ✓ Pass

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 155, 107, 140 Background



This preview shows how black text looks on a background with the RYB color 155, 107, 140.



This preview shows how white text looks on a background with the RYB color 155, 107, 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
155, 107, 140

Protanopia
116, 120, 149

Deuteranopia
127, 119, 138



Tritanopia
152, 111, 119

Trichromacy



Original Color
155, 107, 140

Protanomaly
130, 116, 146

Deuteranomaly
137, 115, 139

Tritanomaly
153, 110, 127

Monochromacy



Original Color
155, 107, 140

Achromatopsia
125, 125, 125

Achromatomaly
136, 118, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 107, 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(155, 107, 140)` looks like.

```
.text, #text, p{  
    color:rgb(155, 107, 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(155, 107, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 107, 140) }
```

Border

The CSS property to change the border of an element to RYB 155, 107, 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(155, 107, 140) }
```

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

```
.border{ border-color:rgb(155, 107, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 107, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 107, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 107, 140);  
box-shadow:4px 4px 4px 4px rgb(155, 107,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 155, 107, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 107, 140) }
```

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

```
.background{ background-color: rgb(155,  
107, 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](#).

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