

Converting Colors

`RYB(155, 110, 139)`

Have a look what the booklet for
RYB(155, 110, 139) contains.

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Color

R_YB(155, 110, 139)

Conversions

Conversions Part 1

Format	Color
Hex	9B6E8B
RGB	155, 110, 139
RGB Percent	61%, 43%, 55%
CMY	0.3922, 0.5686, 0.4549
CMYK	0.00, 0.29, 0.10, 0.39
HSL	321°, 18%, 52%
HSV	321°, 29%, 61%
XYZ	23.7537, 19.9845, 27.0315
YIQ	126.7610, 17.5110, 18.5590

Conversions

Conversions Part 2

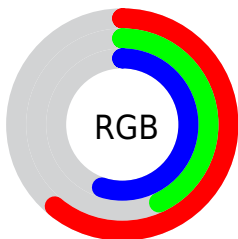
Format	Color
R_{YB}	155, 110, 139
Decimal	10186379
CIE _{Lab}	51.82, 22.62, -8.77
CIE _{LCh}	52, 24.259, 338.809
Yxy	19.9845, 0.3356, 0.2824
Android (android.graphics.Color)	4288376459 (0xFF9B6E8B)
YUV	126.7610, 6.0338, 24.7656
Hunter-Lab	44.7040, 16.6148, -4.5585

Details

The RYB color **155, 110, 139** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110, 143, 155**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **210, 162, 192**, and **103, 62, 89** is the 20% darker color. If you saturate the color by 10%, you get **155, 95, 133**, and if you desaturate by 10%, it is **155, 126, 145**.

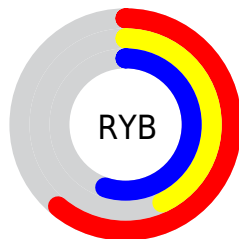
Distribution



Red (61%)

Green (43%)

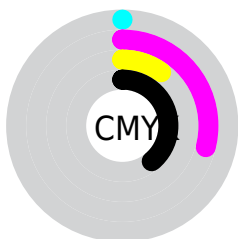
Blue (55%)



Red (61%)

Yellow (43%)

Blue (55%)

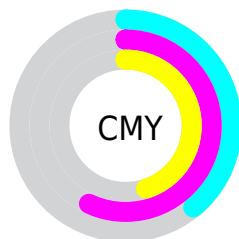


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (57%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 155, 110, 139 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, 110, 139 by changing the saturation by 10% instead.

 155, 110, 139

255, 255, 255

 210, 162, 192

 239, 189, 220

 255, 217, 249

 255, 246, 255

 155, 110, 139

 129, 85, 114

 103, 62, 89

 78, 39, 66

 55, 17, 44

 35, 0, 23

 0, 0, 0


 155, 110, 139

 155, 95, 133

 155, 79, 128

 155, 110, 139

 155, 126, 145


 155, 141, 150

 155, 64, 122

 155, 156, 157

 155, 48, 117

 155, 168, 172

 155, 33, 111

 155, 178, 187

 155, 17, 106

 155, 190, 203

 155, 1, 100

 155, 202, 219

 155, 0, 100

 155, 213, 234

 155, 225, 250

Harmonies

Analogous

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



134, 116, 156



155, 110, 139



165, 108, 118

Triad

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



155, 110, 139



92, 132, 82



56, 98, 149

Complementary

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



155, 110, 139



110, 143, 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.



63, 101, 135



155, 110, 139



91, 130, 112

Square

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



155, 110, 139



151, 147, 85



85, 118, 134



75, 109, 162

Rectangle

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



155, 110, 139



164, 109, 105



85, 118, 134



56, 97, 143

Sweetspot

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



155, 110, 139



201, 183, 195



126, 110, 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, 110, 139



201, 131, 176



155, 110, 117



77, 69, 74



140, 0, 90



13, 0, 8

Inverse Universe

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



155, 110, 139



201, 131, 176



110, 134, 155



77, 69, 74



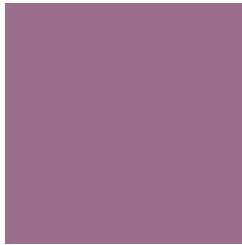
140, 0, 90



13, 0, 8

Previews

White Background



This preview shows how the RYB color 155, 110, 139 looks on a white background.

Color Contrast Check

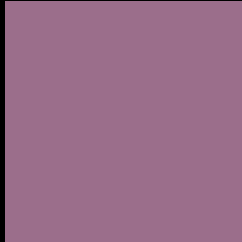
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

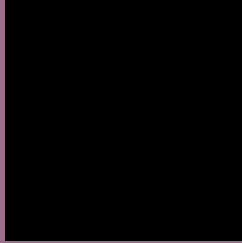
Any Text WCAG AA ✓ Pass

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](#).

RYP 155, 110, 139 Background



This preview shows how black text looks on a background with the RYB color 155, 110, 139.



This preview shows how white text looks on a background with the RYB color 155, 110, 139.

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, 110, 139

Protanopia
119, 123, 147

Deuteranopia
130, 120, 137



Tritanopia
153, 113, 122

Trichromacy



Original Color

155, 110, 139

Protanomaly

132, 118, 144

Deuteranomaly

139, 116, 138

Tritanomaly

154, 112, 128

Monochromacy



Original Color

155, 110, 139

Achromatopsia

127, 127, 127

Achromatomaly

137, 121, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 110, 139 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, 110, 139) looks like.

```
.text, #text, p{  
    color:rgb(155, 110, 139)  
}
```

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, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 110, 139) }
```

Border

The CSS property to change the border of an element to RYB 155, 110, 139 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, 110, 139) }
```

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

```
.border{ border-color:rgb(155, 110, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(155, 110,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 155, 110, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 110, 139) }
```

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

```
.background{ background-color: rgb(155,  
110, 139) }
```

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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