

Converting Colors

`RYB(155, 57, 139)`

Have a look what the booklet for
RYB(155, 57, 139) contains.

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Color

R_YB(155, 57, 139)

Conversions

Conversions Part 1

Format	Color
Hex	9B398B
RGB	155, 57, 139
RGB Percent	61%, 22%, 55%
CMY	0.3922, 0.7765, 0.4549
CMYK	0.00, 0.63, 0.10, 0.39
HSL	310°, 46%, 42%
HSV	310°, 63%, 61%
XYZ	19.6409, 11.7589, 25.6606
YIQ	95.6500, 32.0860, 46.2780

Conversions

Conversions Part 2

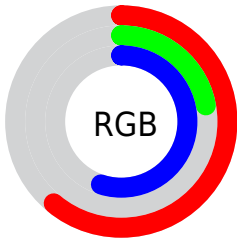
Format	Color
R_{YB}	155, 57, 139
Decimal	10172811
CIE _{Lab}	40.83, 50.65, -25.55
CIE _{LCh}	41, 56.728, 333.226
Yxy	11.7589, 0.3442, 0.2061
Android (android.graphics.Color)	4288362891 (0xFF9B398B)
YUV	95.6500, 21.3715, 52.0499
Hunter-Lab	34.2912, 42.2292, -20.3636

Details

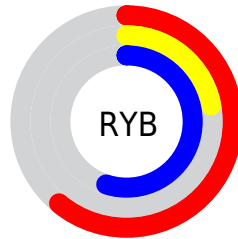
The RYB color **155, 57, 139** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57, 141, 155**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **212, 110, 193**, and **101, 0, 89** is the 20% darker color. If you saturate the color by 10%, you get **155, 42, 136**, and if you desaturate by 10%, it is **155, 73, 142**.

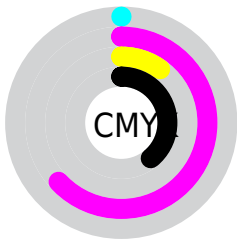
Distribution



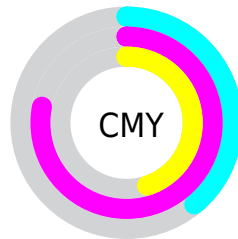
- Red (61%)
- Green (22%)
- Blue (55%)



- Red (61%)
- Yellow (22%)
- Blue (55%)



- Cyan (0%)
- Magenta (63%)
- Yellow (10%)
- Black (39%)




- Cyan (39%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 57, 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, 57, 139 by changing the saturation by 10% instead.

 155, 57, 139


 155, 57, 139

255, 255, 255

 127, 28, 113

 212, 110, 193

 101, 0, 89

 241, 137, 221

 74, 0, 65

 255, 165, 249

 51, 0, 43


 255, 193, 255

 17, 0, 21

 255, 222, 255

 0, 0, 0

 255, 251, 255

 155, 57, 139

 155, 57, 139

 155, 42, 136

 155, 73, 142

155, 26, 134

155, 88, 144

155, 11, 131

155, 103, 147

155, 0, 130

155, 119, 149

155, 135, 152

155, 150, 154

155, 164, 166

155, 178, 181

155, 190, 196

Harmonies

Analogous

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



100, 81, 175



155, 57, 139



177, 42, 93

Triad

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



155, 57, 139



19, 112, 0



0, 65, 146

Complementary

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



155, 57, 139



57, 141, 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.



0, 63, 117



155, 57, 139



0, 108, 44

Square

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



155, 57, 139



136, 149, 0



0, 78, 114



0, 69, 179

Rectangle

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



155, 57, 139



176, 48, 63



0, 78, 114



0, 62, 132

Sweetspot

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



155, 57, 139



201, 163, 195



72, 57, 155



102, 79, 98



230, 230, 230



102, 102, 102

Same Dimension

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



155, 57, 139



201, 48, 176



155, 57, 91



77, 69, 75



140, 0, 117



13, 0, 11

Inverse Universe

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



155, 57, 139



201, 48, 176



57, 116, 155



77, 69, 75



140, 0, 117



13, 0, 11

Previews

White Background



This preview shows how the RYB color 155, 57, 139 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 155, 57, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

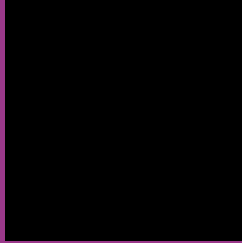
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 155, 57, 139 Background



This preview shows how black text looks on a background with the RYB color 155, 57, 139.

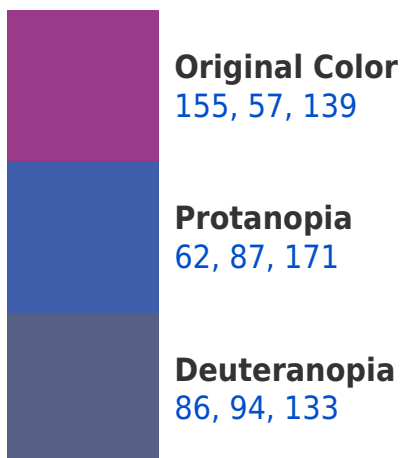


This preview shows how white text looks on a background with the RYB color 155, 57, 139.

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





Tritanopia
149, 74, 79

Trichromacy



Original Color

155, 57, 139



Protanomaly

96, 81, 159



Deuteranomaly

111, 82, 135



Tritanomaly

151, 68, 101

Monochromacy



Original Color

155, 57, 139



Achromatopsia

96, 96, 96



Achromatomaly

117, 82, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 57, 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, 57, 139) looks like.

```
.text, #text, p{  
    color:rgb(155, 57, 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, 57, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 57, 139) }
```

Border

The CSS property to change the border of an element to RYB 155, 57, 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, 57, 139) }
```

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

```
.border{ border-color:rgb(155, 57, 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, 57, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 57, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 57, 139);  
box-shadow:4px 4px 4px 4px rgb(155, 57,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 155, 57, 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, 57, 139) }
```

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

```
.background{ background-color: rgb(155, 57,  
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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