

Converting Colors

`RYB(139, 104, 135)`

Have a look what the booklet for
RYB(139, 104, 135) contains.

RYB(139, 104, 135)	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(139, 104, 135)

Conversions

Conversions Part 1

Format	Color
Hex	8B6887
RGB	139, 104, 135
RGB Percent	55%, 41%, 53%
CMY	0.4549, 0.5922, 0.4706
CMYK	0.00, 0.25, 0.03, 0.45
HSL	307°, 14%, 48%
HSV	307°, 25%, 55%
XYZ	19.9709, 17.1389, 25.1772
YIQ	117.9990, 10.9090, 17.0610

Conversions

Conversions Part 2

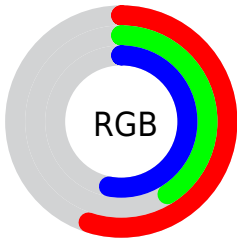
Format	Color
R_{YB}	139, 104, 135
Decimal	9136263
CIE _{Lab}	48.43, 19.52, -11.66
CIE _{LCh}	48, 22.735, 329.137
Yxy	17.1389, 0.3206, 0.2752
Android (android.graphics.Color)	4287326343 (0xFF8B6887)
YUV	117.9990, 8.3815, 18.4179
Hunter-Lab	41.3991, 13.6600, -7.0783

Details

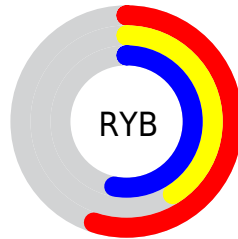
The RYB color **139, 104, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104, 135, 139**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **193, 155, 188**, and **88, 56, 85** is the 20% darker color. If you saturate the color by 10%, you get **139, 90, 133**, and if you desaturate by 10%, it is **139, 118, 137**.

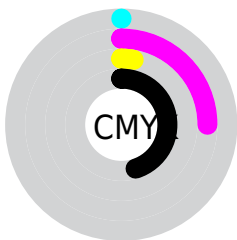
Distribution



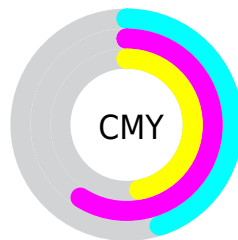
- Red (55%)
- Green (41%)
- Blue (53%)



- Red (55%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the RYB color 139, 104, 135 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 139, 104, 135 by changing the saturation by 10% instead.

 139, 104, 135

255, 255, 255

 193, 155, 188

 221, 182, 216

 250, 210, 244

 255, 239, 255

 139, 104, 135

 113, 80, 110

 88, 56, 85

 65, 34, 62

 42, 13, 40

 20, 0, 20


 0, 0, 0


 139, 104, 135

 139, 90, 133

 139, 76, 132

 139, 104, 135

 139, 118, 137

 139, 132, 138

■ 139, 62, 130

■ 139, 145, 146

■ 139, 48, 129

■ 139, 158, 160

■ 139, 35, 127

■ 139, 169, 173

■ 139, 21, 125

■ 139, 182, 187

■ 139, 7, 124

■ 139, 195, 201

■ 139, 0, 123

■ 139, 207, 215

■ 139, 220, 229

Harmonies

Analogous

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



117, 110, 148



139, 104, 135



151, 101, 116

Triad

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



139, 104, 135



98, 129, 77



53, 91, 133

Complementary

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



139, 104, 135



104, 135, 139

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.



65, 99, 126



139, 104, 135



81, 119, 91

Square

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



139, 104, 135



145, 122, 83



86, 117, 124



63, 98, 147

Rectangle

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



139, 104, 135



154, 101, 103



86, 117, 124



55, 91, 127

Sweetspot

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



139, 104, 135



181, 167, 179



107, 104, 139



92, 83, 91



219, 219, 219



92, 92, 92

Same Dimension

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



139, 104, 135



181, 127, 175



139, 104, 118



69, 62, 68



133, 0, 117



5, 0, 5

Inverse Universe

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



139, 104, 135



181, 127, 175



104, 126, 139



69, 62, 68



133, 0, 117



5, 0, 5

Previews

White Background



This preview shows how the RYB color 139, 104, 135 looks on a white background.

Color Contrast Check

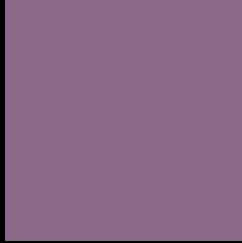
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 104, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

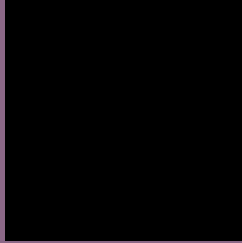
Any Text WCAG AA × Fail

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](#).

RYB 139, 104, 135 Background



This preview shows how black text looks on a background with the RYB color 139, 104, 135.



This preview shows how white text looks on a background with the RYB color 139, 104, 135.

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
139, 104, 135

Protanopia
109, 113, 142

Deuteranopia
118, 112, 133



Tritanopia
136, 107, 116

Trichromacy



Original Color

139, 104, 135

Protanomaly

120, 110, 139

Deuteranomaly

126, 109, 134

Tritanomaly

137, 106, 123

Monochromacy



Original Color

139, 104, 135

Achromatopsia

118, 118, 118

Achromatomaly

126, 113, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 104, 135 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(139, 104, 135)` looks like.

```
.text, #text, p{  
    color:rgb(139, 104, 135)  
}
```

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(139, 104, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 104, 135) }
```

Border

The CSS property to change the border of an element to RYB 139, 104, 135 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(139, 104, 135) }
```

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

```
.border{ border-color:rgb(139, 104, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 104, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 104, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 104, 135);  
box-shadow:4px 4px 4px 4px rgb(139, 104,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 139, 104, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 104, 135) }
```

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

```
.background{ background-color: rgb(139,  
104, 135) }
```

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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