

Converting Colors

`RYB(130, 39, 115)`

Have a look what the booklet for
RYB(130, 39, 115) contains.

RYB(130, 39, 115)	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

$\text{RYB}(130, 39, 115)$

Conversions

Conversions Part 1

Format	Color
Hex	822773
RGB	130, 39, 115
RGB Percent	51%, 15%, 45%
CMY	0.4902, 0.8471, 0.5490
CMYK	0.00, 0.70, 0.12, 0.49
HSL	310°, 54%, 33%
HSV	310°, 70%, 51%
XYZ	13.0260, 7.4347, 16.9681
YIQ	74.8730, 29.8400, 42.9280

Conversions

Conversions Part 2

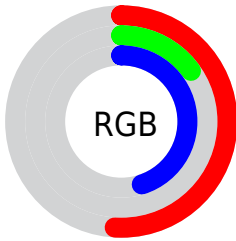
Format	Color
R_{YB}	130, 39, 115
Decimal	8529779
CIE _{Lab}	32.78, 47.54, -23.53
CIE _{LCh}	33, 53.046, 333.669
Yxy	7.4347, 0.3480, 0.1986
Android (android.graphics.Color)	4286719859 (0xFF822773)
YUV	74.8730, 19.7826, 48.3464
Hunter-Lab	27.2666, 37.5575, -17.8099

Details

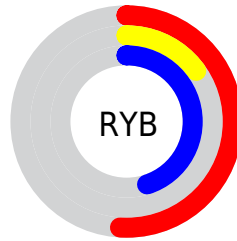
The RYB color **130, 39, 115** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39, 117, 130**, and the grayscale version is **75, 75, 75**.

A 20% lighter version of the original color is **185, 92, 167**, and **77, 0, 67** is the 20% darker color. If you saturate the color by 10%, you get **130, 26, 113**, and if you desaturate by 10%, it is **130, 52, 117**.

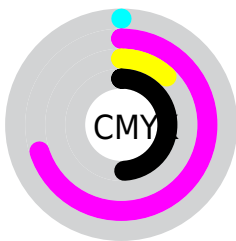
Distribution



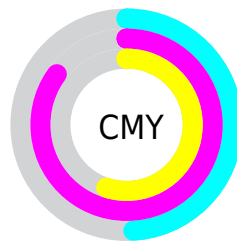
- Red (51%)
- Green (15%)
- Blue (45%)



- Red (51%)
- Yellow (15%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (49%)




- Cyan (49%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 39, 115 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 130, 39, 115 by changing the saturation by 10% instead.

 130, 39, 115

 130, 39, 115

255, 255, 255

 103, 4, 90

 185, 92, 167

 77, 0, 67

 214, 119, 195

 53, 0, 44

 243, 146, 223

 24, 0, 23

 255, 173, 251

 0, 0, 0

 255, 201, 255

 255, 230, 255

 130, 39, 115

 130, 39, 115

 130, 26, 113

 130, 52, 117

■ 130, 13, 111

■ 130, 65, 119

■ 130, 0, 109

■ 130, 78, 121

■ 130, 91, 124

■ 130, 104, 126

■ 130, 117, 128

■ 130, 130, 130

■ 130, 141, 143

■ 130, 153, 156

Harmonies

Analogous

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



81, 63, 148



130, 39, 115



149, 22, 74

Triad

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



130, 39, 115



15, 90, 0



0, 54, 123

Complementary

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



130, 39, 115



39, 117, 130

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, 51, 95



130, 39, 115



0, 87, 41

Square

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



130, 39, 115



123, 117, 0



0, 67, 93



0, 57, 152

Rectangle

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



130, 39, 115



148, 30, 46



0, 67, 93



0, 51, 110

Sweetspot

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



130, 39, 115



168, 133, 162



53, 39, 130



84, 63, 81



212, 212, 212



84, 84, 84

Same Dimension

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



130, 39, 115



168, 27, 145



130, 39, 71



64, 57, 63



128, 0, 106



0, 0, 0

Inverse Universe

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



130, 39, 115



168, 27, 145



39, 94, 130



64, 57, 63



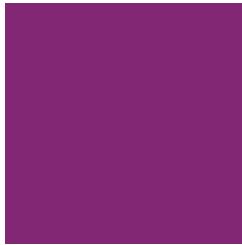
128, 0, 106



0, 0, 0

Previews

White Background



This preview shows how the RYB color 130, 39, 115 looks on a white background.

Color Contrast Check

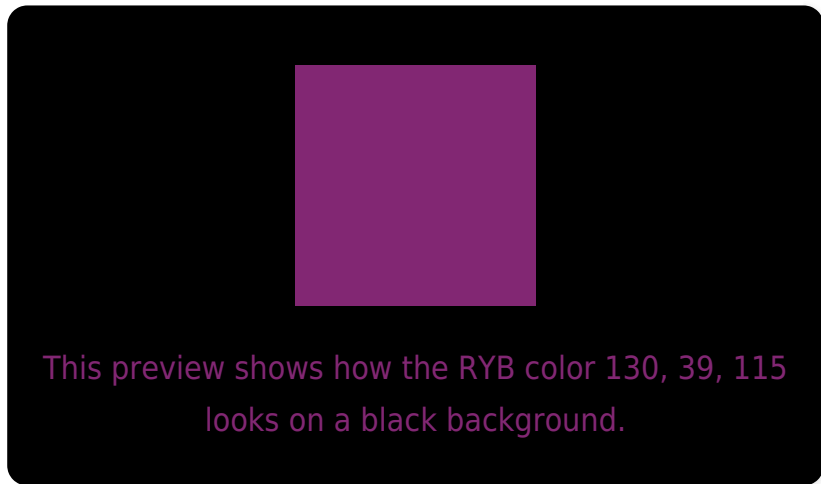
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

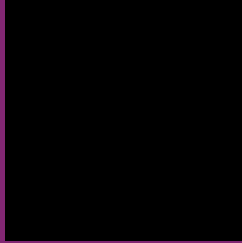
Any Text WCAG AA × Fail

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](#).

RYP 130, 39, 115 Background



This preview shows how black text looks on a background with the RYP color 130, 39, 115.

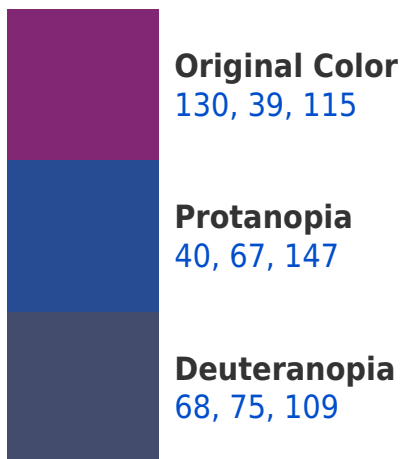


This preview shows how white text looks on a background with the RYP color 130, 39, 115.

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
125, 56, 60

Trichromacy



Original Color

130, 39, 115

Protanomaly

73, 63, 135

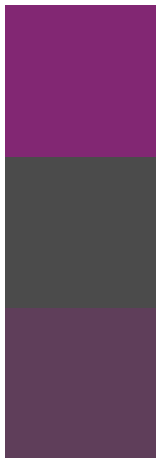
Deuteranomaly

91, 63, 111

Tritanomaly

127, 50, 80

Monochromacy



Original Color

130, 39, 115

Achromatopsia

75, 75, 75

Achromatomaly

95, 62, 90

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 39, 115 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(130, 39, 115)` looks like.

```
.text, #text, p{  
    color:rgb(130, 39, 115)  
}
```

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(130, 39, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 39, 115) }
```

Border

The CSS property to change the border of an element to RYB 130, 39, 115 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(130, 39, 115) }
```

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

```
.border{ border-color:rgb(130, 39, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 39, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 39, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 39, 115); box-shadow:4px 4px 4px 4px rgb(130, 39, 115) }
```

Background

The CSS property to change the background color of an element to RGB 130, 39, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 39, 115) }
```

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

```
.background{ background-color: rgb(130, 39,  
115) }
```

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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