

Converting Colors

`RYB(139, 121, 177)`

Have a look what the booklet for
RYB(139, 121, 177) contains.

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Color

R_YB(139, 121, 177)

Conversions

Conversions Part 1

Format	Color
Hex	8B79B1
RGB	139, 121, 177
RGB Percent	55%, 47%, 69%
CMY	0.4549, 0.5255, 0.3059
CMYK	0.21, 0.32, 0.00, 0.31
HSL	259°, 26%, 58%
HSV	259°, 32%, 69%
XYZ	25.4206, 22.3380, 44.5668
YIQ	132.7660, -7.2480, 21.2320

Conversions

Conversions Part 2

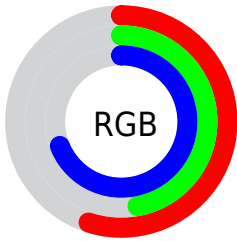
Format	Color
R_{YB}	139, 121, 177
Decimal	9140657
CIE _{Lab}	54.38, 18.77, -27.14
CIE _{LCh}	54, 33.000, 304.660
Yxy	22.3380, 0.2753, 0.2419
Android (android.graphics.Color)	4287330737 (0xFF8B79B1)
YUV	132.7660, 21.8074, 5.4672
Hunter-Lab	47.2631, 13.2964, -22.8234

Details

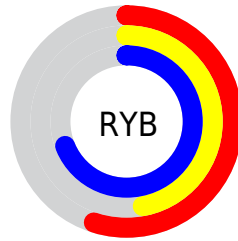
The RYB color **139, 121, 177** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121, 177, 139**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **193, 173, 233**, and **88, 72, 124** is the 20% darker color. If you saturate the color by 10%, you get **127, 103, 177**, and if you desaturate by 10%, it is **151, 139, 177**.

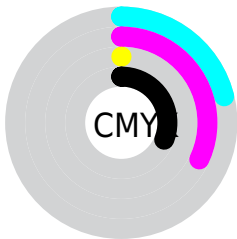
Distribution



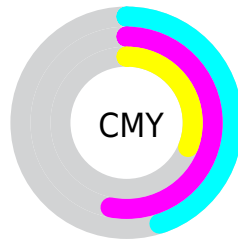
- Red (55%)
- Green (47%)
- Blue (69%)



- Red (55%)
- Yellow (47%)
- Blue (69%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 121, 177 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, 121, 177 by changing the saturation by 10% instead.

■ 139, 121, 177

255, 255, 255

■ 193, 173, 233

■ 221, 201, 255

■ 250, 229, 255

■ 139, 121, 177

■ 113, 96, 150

■ 88, 72, 124

■ 63, 50, 99

■ 40, 28, 75

■ 18, 5, 52

■ 0, 2, 30

■ 0, 0, 1

■ 0, 0, 0

■ 139, 121, 177

■ 139, 121, 177

127, 103, 177

151, 139, 177

115, 86, 177

163, 156, 177

103, 68, 177

175, 174, 177

91, 50, 177

177, 192, 182

79, 32, 177

177, 210, 188

67, 15, 177

177, 227, 193

57, 0, 177

177, 245, 199

177, 255, 197

177, 255, 185

Harmonies

Analogous

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



95, 121, 187



139, 121, 177



170, 112, 155

Triad

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



139, 121, 177



168, 155, 79



32, 91, 145

Complementary

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



139, 121, 177



121, 177, 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.



79, 125, 143



139, 121, 177



89, 144, 72

Square

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



139, 121, 177



183, 113, 99



82, 138, 106



0, 76, 162

Rectangle

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



139, 121, 177



181, 108, 136



82, 138, 106



50, 103, 145

Sweetspot

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



139, 121, 177



215, 209, 230



121, 144, 177



106, 102, 115



242, 242, 242



115, 115, 115

Same Dimension

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



139, 121, 177



170, 142, 230



167, 121, 177



83, 80, 89



49, 0, 153



8, 0, 26

Inverse Universe

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



177, 121, 159



230, 142, 201



121, 177, 167



89, 80, 86



153, 0, 104



26, 0, 17

Previews

White Background



This preview shows how the RYB color 139, 121, 177 looks on a white background.

Color Contrast Check

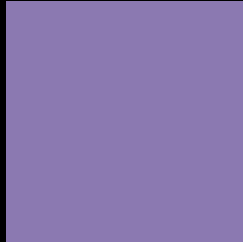
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 121, 177 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 139, 121, 177 Background



This preview shows how black text looks on a background with the RYB color 139, 121, 177.



This preview shows how white text looks on a background with the RYB color 139, 121, 177.

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, 121, 177](#)

Protanopia
[113, 125, 183](#)

Deuteranopia
[117, 126, 176](#)



Tritanopia
132, 129, 139

Trichromacy



Original Color
139, 121, 177

Protanomaly
122, 125, 181

Deuteranomaly
125, 125, 176

Tritanomaly
135, 126, 153

Monochromacy



Original Color
139, 121, 177

Achromatopsia
133, 133, 133

Achromatomaly
135, 129, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 121, 177 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, 121, 177)` looks like.

```
.text, #text, p{  
    color:rgb(139, 121, 177)  
}
```

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, 121, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 121, 177) }
```

Border

The CSS property to change the border of an element to RYB 139, 121, 177 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, 121, 177) }
```

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

```
.border{ border-color:rgb(139, 121, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 121, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 121, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 121, 177);  
box-shadow:4px 4px 4px 4px rgb(139, 121,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 139, 121, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 121, 177) }
```

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

```
.background{ background-color: rgb(139,  
121, 177) }
```

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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