

Converting Colors

`RYB(144, 129, 184)`

Have a look what the booklet for RYB(144, 129, 184) contains.

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Color

R_YB(144, 129, 184)

Conversions

Conversions Part 1

Format	Color
Hex	9081B8
RGB	144, 129, 184
RGB Percent	56%, 51%, 72%
CMY	0.4353, 0.4941, 0.2784
CMYK	0.22, 0.30, 0.00, 0.28
HSL	256°, 28%, 61%
HSV	256°, 30%, 72%
XYZ	28.0036, 25.0905, 48.7144
YIQ	139.7550, -8.7150, 20.2850

Conversions

Conversions Part 2

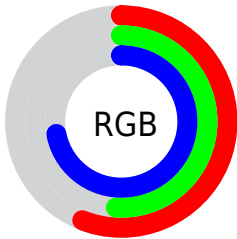
Format	Color
RYB	144, 129, 184
Decimal	9470392
CIELab	57.16, 17.35, -26.82
CIELCh	57, 31.943, 302.892
Yxy	25.0905, 0.2751, 0.2464
Android (android.graphics.Color)	4287660472 (0xFF9081B8)
YUV	139.7550, 21.8128, 3.7229
Hunter-Lab	50.0904, 12.1341, -22.5980

Details

The RYB color **144, 129, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **129, 184, 144**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **199, 182, 240**, and **92, 80, 131** is the 20% darker color. If you saturate the color by 10%, you get **131, 111, 184**, and if you desaturate by 10%, it is **157, 147, 184**.

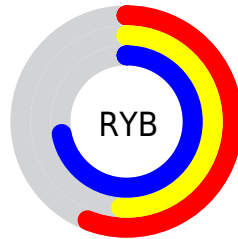
Distribution



Red (56%)

Green (51%)

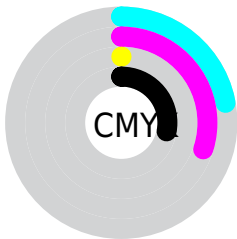
Blue (72%)



Red (56%)

Yellow (51%)

Blue (72%)

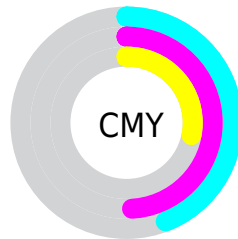


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (44%)


Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 129, 184 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 144, 129, 184 by changing the saturation by 10% instead.


 144, 129, 184


255, 255, 255

 199, 182, 240

 227, 210, 255

 255, 238, 255


 144, 129, 184

 118, 104, 157

 92, 80, 131

 68, 57, 105


 44, 35, 81

 21, 15, 58


 0, 0, 36

 0, 0, 11

 0, 0, 0


 144, 129, 184

 144, 129, 184

 131, 111, 184

 157, 147, 184

 117, 92, 184

 171, 166, 184

 104, 74, 184

 184, 184, 184

 90, 55, 184


 184, 203, 189

 77, 37, 184

 184, 221, 194

 64, 19, 184

 184, 239, 199

 50, 0, 184

 184, 255, 201

 184, 255, 188

 184, 255, 184

Harmonies

Analogous

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



101, 128, 193



144, 129, 184



175, 120, 163

Triad

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



144, 129, 184



176, 158, 88



52, 105, 152

Complementary

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



144, 129, 184



129, 184, 144

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.



90, 134, 150



144, 129, 184



103, 153, 81

Square

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



144, 129, 184



190, 119, 108



89, 145, 110



17, 88, 167

Rectangle

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



144, 129, 184



187, 116, 145



89, 145, 110



65, 115, 152

Sweetspot

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



144, 129, 184



224, 218, 240



129, 152, 184



110, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



144, 129, 184



177, 153, 240



171, 129, 184



85, 83, 92



42, 0, 156



8, 0, 28

Inverse Universe

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



184, 129, 169



240, 153, 216



129, 184, 171



92, 83, 89



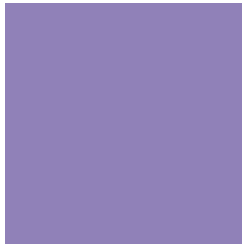
156, 0, 113



28, 0, 20

Previews

White Background



This preview shows how the RYB color 144, 129, 184 looks on a white background.

Color Contrast Check

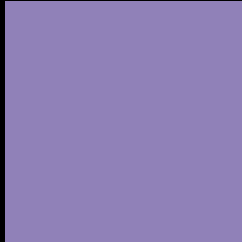
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 129, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

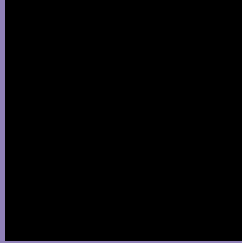
Any Text WCAG AA ✓ Pass

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 144, 129, 184 Background



This preview shows how black text looks on a background with the RYB color 144, 129, 184.



This preview shows how white text looks on a background with the RYB color 144, 129, 184.

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
144, 129, 184

Protanopia
121, 133, 189

Deuteranopia
125, 134, 183



Tritanopia
137, 136, 147

Trichromacy



Original Color
144, 129, 184

Protanomaly
129, 133, 187

Deuteranomaly
132, 133, 183

Tritanomaly
140, 133, 160

Monochromacy



Original Color
144, 129, 184

Achromatopsia
140, 140, 140

Achromatomaly
141, 136, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 129, 184 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(144, 129, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 184)  
}
```

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(144, 129, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 184) }
```

Border

The CSS property to change the border of an element to RYB 144, 129, 184 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(144, 129, 184) }
```

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

```
.border{ border-color:rgb(144, 129, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 144, 129, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 184) }
```

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

```
.background{ background-color: rgb(144,  
129, 184) }
```

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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