

Converting Colors

`RYB(144, 115, 184)`

Have a look what the booklet for RYB(144, 115, 184) contains.

RYB(144, 115, 184)	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(144, 115, 184)

Conversions

Conversions Part 1

Format	Color
Hex	9073B8
RGB	144, 115, 184
RGB Percent	56%, 45%, 72%
CMY	0.4353, 0.5490, 0.2784
CMYK	0.22, 0.38, 0.00, 0.28
HSL	265°, 33%, 59%
HSV	265°, 38%, 72%
XYZ	26.2841, 21.6515, 48.1412
YIQ	131.5370, -4.8650, 27.6070

Conversions

Conversions Part 2

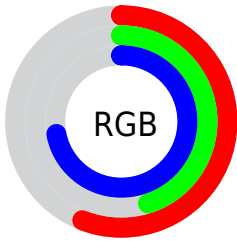
Format	Color
RYB	144, 115, 184
Decimal	9466808
CIELab	53.66, 25.51, -32.27
CIELCh	54, 41.137, 308.333
Yxy	21.6515, 0.2736, 0.2254
Android (android.graphics.Color)	4287656888 (0xFF9073B8)
YUV	131.5370, 25.8643, 10.9301
Hunter-Lab	46.5311, 19.3999, -28.7698

Details

The RYB color **144, 115, 184** is a light color, and the websafe version is hex **996699**. A complement of this color would be **115, 184, 144**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **199, 167, 240**, and **92, 66, 131** is the 20% darker color. If you saturate the color by 10%, you get **133, 97, 184**, and if you desaturate by 10%, it is **155, 133, 184**.

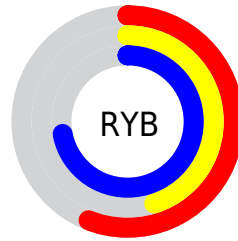
Distribution



Red (56%)

Green (45%)

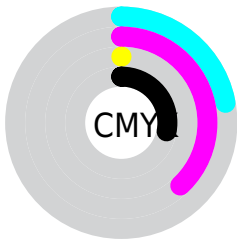
Blue (72%)



Red (56%)

Yellow (45%)

Blue (72%)

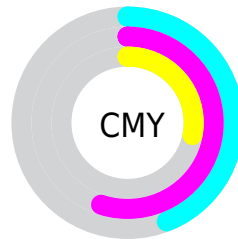


Cyan (22%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (44%)


Magenta (55%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 115, 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, 115, 184 by changing the saturation by 10% instead.

 144, 115, 184


255, 255, 255

 199, 167, 240

 227, 195, 255

 255, 223, 255

 255, 251, 255

 144, 115, 184

 118, 90, 157

 92, 66, 131

 67, 44, 105


 43, 22, 81


 20, 0, 57

 0, 2, 35

 0, 0, 10

 0, 0, 0

 144, 115, 184

 144, 115, 184

133, 97, 184

155, 133, 184

123, 78, 184

165, 152, 184

112, 60, 184

176, 170, 184

101, 41, 184

184, 189, 186

91, 23, 184

184, 207, 194

80, 5, 184

184, 225, 201

77, 0, 184

184, 244, 209

184, 255, 210

184, 255, 199

Harmonies

Analogous

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



86, 117, 198



144, 115, 184



180, 103, 155

Triad

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



144, 115, 184



166, 170, 62



0, 75, 146

Complementary

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



144, 115, 184



115, 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.



50, 111, 144



144, 115, 184



68, 140, 55

Square

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



144, 115, 184



190, 109, 86



70, 139, 107



0, 78, 171

Rectangle

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



144, 115, 184



192, 98, 132



70, 139, 107



0, 79, 146

Sweetspot

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



144, 115, 184



224, 213, 240



115, 140, 184



111, 104, 120



247, 247, 247



120, 120, 120

Same Dimension

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



144, 115, 184



177, 132, 240



178, 115, 184



86, 83, 92



65, 0, 156



12, 0, 28

Inverse Universe

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



184, 115, 155



240, 132, 194



115, 184, 178



92, 83, 88



156, 0, 90



28, 0, 16

Previews

White Background



This preview shows how the RYB color 144, 115, 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, 115, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

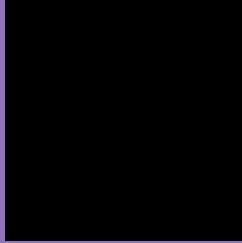
Any Text WCAG AA ✓ Pass

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, 115, 184 Background



This preview shows how black text looks on a background with the RYB color 144, 115, 184.

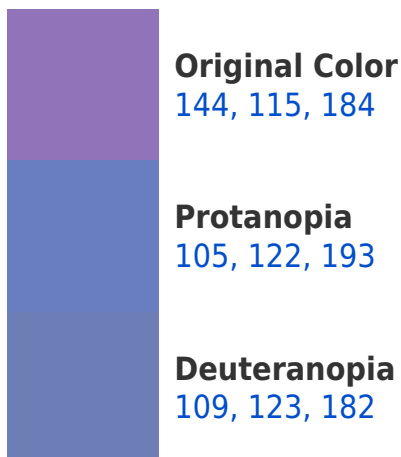


This preview shows how white text looks on a background with the RYB color 144, 115, 184.

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





Tritanopia
135, 125, 135

Trichromacy



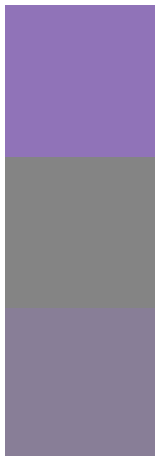
Original Color
144, 115, 184

Protanomaly
119, 122, 190

Deuteranomaly
122, 123, 183

Tritanomaly
138, 121, 153

Monochromacy



Original Color
144, 115, 184

Achromatopsia
132, 132, 132

Achromatomaly
136, 126, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 115, 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, 115, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 115, 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, 115, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 115, 184) }
```

Border

The CSS property to change the border of an element to RYB 144, 115, 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, 115, 184) }
```

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

```
.border{ border-color:rgb(144, 115, 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, 115, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 115, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 115, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 115,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 144, 115, 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, 115, 184) }
```

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

```
.background{ background-color: rgb(144,  
115, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor