

Converting Colors

`RYB(144, 59, 154)`

Have a look what the booklet for
RYB(144, 59, 154) contains.

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Color

RYP(144, 59, 154)

Conversions

Conversions Part 1

Format	Color
Hex	903B9A
RGB	144, 59, 154
RGB Percent	56%, 23%, 60%
CMY	0.4353, 0.7686, 0.3961
CMYK	0.06, 0.62, 0.00, 0.40
HSL	294°, 45%, 42%
HSV	294°, 62%, 60%
XYZ	18.8983, 11.3903, 31.7743
YIQ	95.2450, 20.1650, 47.5650

Conversions

Conversions Part 2

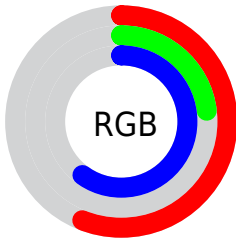
Format	Color
RYB	144, 59, 154
Decimal	9452442
CIELab	40.23, 49.46, -35.71
CIElCh	40, 61.003, 324.170
Yxy	11.3903, 0.3045, 0.1835
Android (android.graphics.Color)	4287642522 (0xFF903B9A)
YUV	95.2450, 28.9662, 42.7581
Hunter-Lab	33.7495, 40.8907, -32.1954

Details

The RYB color **144, 59, 154** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **59, 154, 144**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **200, 112, 209**, and **90, 0, 102** is the 20% darker color. If you saturate the color by 10%, you get **142, 44, 154**, and if you desaturate by 10%, it is **146, 74, 154**.

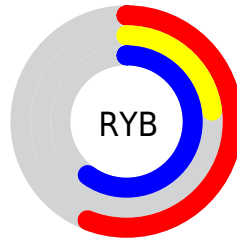
Distribution



Red (56%)

Green (23%)

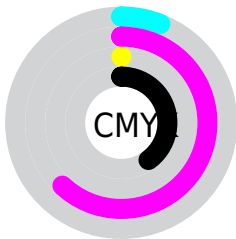
Blue (60%)



Red (56%)

Yellow (23%)

Blue (60%)

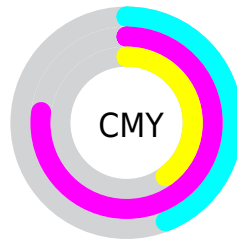


Cyan (6%)

Magenta (62%)

Yellow (0%)

Black (40%)



Cyan (44%)

Magenta (77%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 59, 154 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, 59, 154 by changing the saturation by 10% instead.



144, 59, 154



144, 59, 154

255, 255, 255



117, 31, 128



200, 112, 209



90, 0, 102



229, 138, 237



64, 0, 78



255, 166, 255



43, 0, 55



255, 194, 255



0, 0, 32



255, 222, 255



0, 0, 4



255, 251, 255



0, 0, 0



144, 59, 154



144, 59, 154



142, 44, 154



146, 74, 154

■ 141, 28, 154

■ 147, 90, 154

■ 139, 13, 154

■ 149, 105, 154

■ 138, 0, 154

■ 150, 121, 154

■ 152, 136, 154

■ 154, 151, 154

■ 154, 167, 166

■ 154, 182, 179

■ 154, 198, 193

Harmonies

Analogous

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



66, 83, 187



144, 59, 154



176, 32, 107

Triad

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



144, 59, 154



49, 124, 0



0, 62, 134

Complementary

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



144, 59, 154



59, 154, 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.



0, 68, 116



144, 59, 154



0, 104, 27

Square

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



144, 59, 154



159, 110, 4



0, 88, 112



0, 69, 176

Rectangle

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



144, 59, 154



181, 32, 74



0, 88, 112



0, 58, 118

Sweetspot

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



144, 59, 154



197, 163, 201



59, 69, 154



100, 79, 102



230, 230, 230



102, 102, 102

Same Dimension

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



144, 59, 154



186, 52, 201



154, 59, 118



76, 69, 77



125, 0, 140



11, 0, 13

Inverse Universe

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



154, 59, 69



201, 52, 68



59, 128, 154



77, 69, 70



140, 0, 15



13, 0, 1

Previews

White Background



This preview shows how the RYB color 144, 59, 154 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 144, 59, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

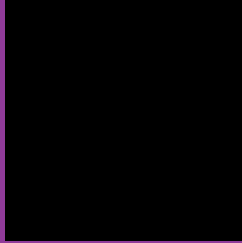
Any Text WCAG AA × Fail

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](#).

RYP 144, 59, 154 Background



This preview shows how black text looks on a background with the RYP color 144, 59, 154.

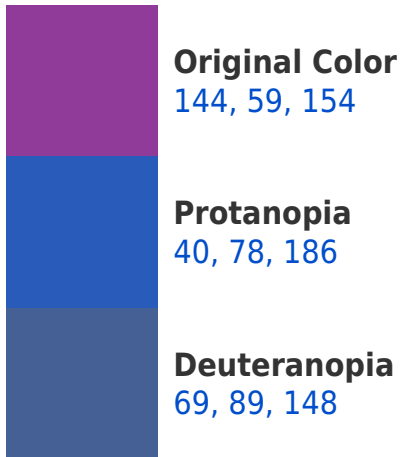


This preview shows how white text looks on a background with the RYP color 144, 59, 154.

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, 79, 85

Trichromacy



Original Color

144, 59, 154

Protanomaly

78, 80, 174

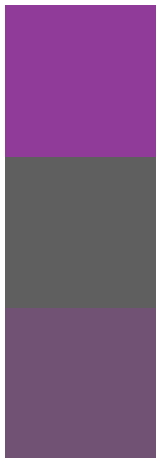
Deuteranomaly

96, 82, 150

Tritanomaly

138, 72, 110

Monochromacy



Original Color

144, 59, 154

Achromatopsia

95, 95, 95

Achromatomaly

113, 82, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 59, 154 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, 59, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 59, 154)  
}
```

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, 59, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 59, 154) }
```

Border

The CSS property to change the border of an element to RYB 144, 59, 154 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, 59, 154) }
```

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

```
.border{ border-color:rgb(144, 59, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 59, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 59, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 59, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 59,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 144, 59, 154 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 59, 154) }
```

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

```
.background{ background-color: rgb(144, 59,  
154) }
```

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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