

Converting Colors

`RYB(147, 3, 160)`

Have a look what the booklet for
RYB(147, 3, 160) contains.

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Color

R_YB(147, 3, 160)

Conversions

Conversions Part 1

Format	Color
Hex	9303A0
RGB	147, 3, 160
RGB Percent	58%, 1%, 63%
CMY	0.4235, 0.9882, 0.3725
CMYK	0.08, 0.98, 0.00, 0.37
HSL	295°, 96%, 32%
HSV	295°, 98%, 63%
XYZ	18.4103, 8.8062, 33.9871
YIQ	63.9540, 35.4270, 79.3550

Conversions

Conversions Part 2

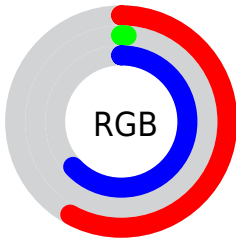
Format	Color
R_{YB}	147, 3, 160
Decimal	9634720
CIE _{Lab}	35.61, 66.85, -46.69
CIE _{LCh}	36, 81.538, 325.068
Yxy	8.8062, 0.3008, 0.1439
Android (android.graphics.Color)	4287824800 (0xFF9303A0)
YUV	63.9540, 47.3507, 72.8313
Hunter-Lab	29.6753, 58.8084, -47.1322

Details

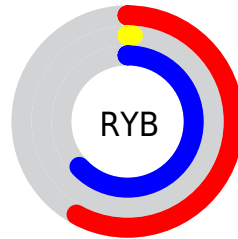
The RYB color **147, 3, 160** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3, 160, 147**, and the grayscale version is **63, 63, 63**.

A 20% lighter version of the original color is **205, 79, 216**, and **91, 0, 107** is the 20% darker color. If you saturate the color by 10%, you get **147, 0, 160**, and if you desaturate by 10%, it is **148, 19, 160**.

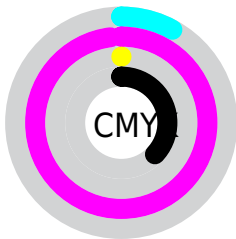
Distribution



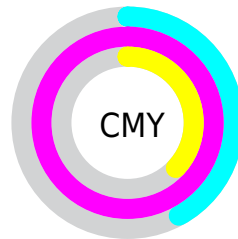
- Red (58%)
- Green (1%)
- Blue (63%)



- Red (58%)
- Yellow (1%)
- Blue (63%)



- Cyan (8%)
- Magenta (98%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (99%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 147, 3, 160 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 147, 3, 160 by changing the saturation by 10% instead.


 147, 3, 160

 147, 3, 160

255, 255, 255

 119, 0, 133

 205, 79, 216

 91, 0, 107

 234, 108, 244

 64, 0, 83

 255, 136, 255

 38, 0, 59

 255, 165, 255

 0, 0, 36

 255, 193, 255

 0, 0, 11

 255, 223, 255

 0, 0, 0

 255, 252, 255

 147, 3, 160

 147, 3, 160

■ 147, 0, 160

■ 148, 19, 160

■ 150, 35, 160

■ 151, 51, 160

■ 152, 67, 160

■ 154, 83, 160

■ 155, 99, 160

■ 156, 115, 160

■ 158, 131, 160

■ 159, 147, 160

Harmonies

Analogous

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



0, 53, 205



147, 3, 160



187, 0, 98

Triad

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



147, 3, 160



49, 112, 0



0, 61, 138

Complementary

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



147, 3, 160



3, 160, 147

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, 64, 107



147, 3, 160



0, 96, 49

Square

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



147, 3, 160



159, 53, 0



0, 104, 104



0, 69, 192

Rectangle

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



147, 3, 160



190, 0, 55



0, 104, 104



0, 56, 116

Sweetspot

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



147, 3, 160



204, 148, 209



3, 15, 160



102, 68, 105



232, 232, 232



105, 105, 105

Same Dimension

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



147, 3, 160



192, 0, 209



160, 3, 95



78, 71, 79



131, 0, 143



14, 0, 15

Inverse Universe

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



160, 3, 16



209, 0, 17



3, 114, 160



79, 71, 72



143, 0, 12



15, 0, 1

Previews

White Background



This preview shows how the RYB color 147, 3, 160 looks on a white background.

Color Contrast Check

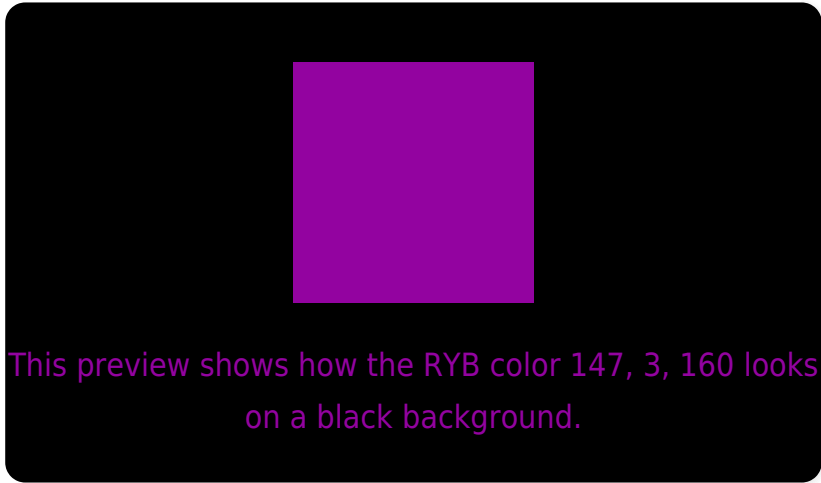
Large Text (above 18pt) WCAG AA ✓ Pass

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

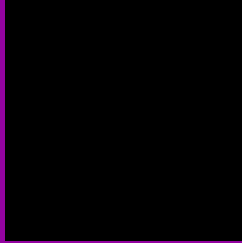
Any Text WCAG AA × Fail

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](#).

RYB 147, 3, 160 Background



This preview shows how black text looks on a background with the RYB color 147, 3, 160.

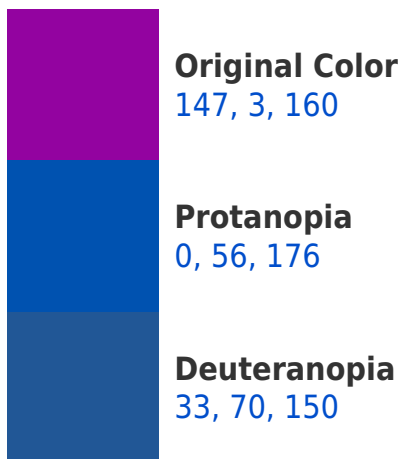


This preview shows how white text looks on a background with the RYB color 147, 3, 160.

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
136, 63, 67

Trichromacy



Original Color

147, 3, 160



Protanomaly

53, 54, 170



Deuteranomaly

74, 56, 154



Tritanomaly

140, 41, 101

Monochromacy



Original Color

147, 3, 160



Achromatopsia

64, 64, 64



Achromatomaly

94, 42, 99

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 3, 160 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(147, 3, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 3, 160)  
}
```

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(147, 3, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 3, 160) }
```

Border

The CSS property to change the border of an element to RYB 147, 3, 160 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(147, 3, 160) }
```

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

```
.border{ border-color:rgb(147, 3, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 3, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 3, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 3, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 3,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 147, 3, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 3, 160) }
```

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

```
.background{ background-color: rgb(147, 3,  
160) }
```

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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