

Converting Colors

`RYB(167, 3, 155)`

Have a look what the booklet for
RYB(167, 3, 155) contains.

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Color

R_YB(167, 3, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A7039B
RGB	167, 3, 155
RGB Percent	65%, 1%, 61%
CMY	0.3451, 0.9882, 0.3922
CMYK	0.00, 0.98, 0.07, 0.35
HSL	304°, 96%, 33%
HSV	304°, 98%, 65%
XYZ	21.8853, 10.6472, 31.9120
YIQ	69.3640, 48.9520, 82.0400

Conversions

Conversions Part 2

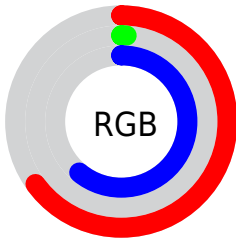
Format	Color
RYB	167, 3, 155
Decimal	10945435
CIELab	38.98, 69.48, -38.06
CIELCh	39, 79.219, 331.288
Yxy	10.6472, 0.3396, 0.1652
Android (android.graphics.Color)	4289135515 (0xFFA7039B)
YUV	69.3640, 42.2185, 85.6268
Hunter-Lab	32.6300, 62.6194, -35.1443

Details

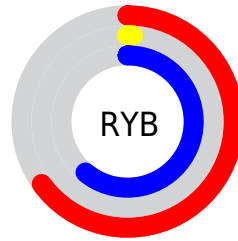
The RYB color **167, 3, 155** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **3, 156, 167**, and the grayscale version is **69, 69, 69**.

A 20% lighter version of the original color is **226, 83, 210**, and **110, 0, 103** is the 20% darker color. If you saturate the color by 10%, you get **167, 0, 155**, and if you desaturate by 10%, it is **167, 20, 156**.

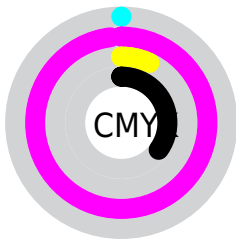
Distribution



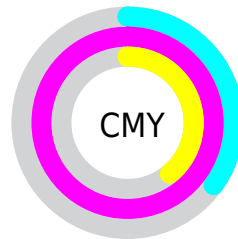
- Red (65%)
- Green (1%)
- Blue (61%)



- Red (65%)
- Yellow (1%)
- Blue (61%)



- Cyan (0%)
- Magenta (98%)
- Yellow (7%)
- Black (35%)



- Cyan (35%)
- Magenta (99%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 3, 155 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 167, 3, 155 by changing the saturation by 10% instead.



167, 3, 155



167, 3, 155

255, 255, 255



138, 0, 129



226, 83, 210



110, 0, 103



255, 112, 239



82, 0, 78



255, 141, 255



58, 0, 55



255, 170, 255



26, 0, 33



255, 199, 255



0, 0, 4



255, 229, 255



0, 0, 0



167, 3, 155



167, 3, 155



167, 0, 155




167, 20, 156

 167, 36, 157


 167, 53, 159


 167, 70, 160

 167, 86, 161

 167, 103, 162

 167, 120, 164

 167, 137, 165

 167, 153, 166

Harmonies

Analogous

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



78, 72, 204



167, 3, 155



197, 0, 92

Triad

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



167, 3, 155



23, 110, 0



0, 67, 158

Complementary

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



167, 3, 155



3, 156, 167

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, 116



167, 3, 155



0, 106, 66

Square

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



167, 3, 155



159, 99, 0



0, 97, 113



0, 73, 206

Rectangle

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



167, 3, 155



197, 0, 50



0, 97, 113



0, 63, 137

Sweetspot

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



167, 3, 155



217, 154, 212



14, 3, 167



110, 71, 107



237, 237, 237



110, 110, 110

Same Dimension

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



167, 3, 155



217, 0, 201



167, 3, 74



84, 76, 84



148, 0, 137



20, 0, 19

Inverse Universe

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



167, 3, 155



217, 0, 201



3, 108, 167



84, 76, 84



148, 0, 137



20, 0, 19

Previews

White Background



This preview shows how the RYB color 167, 3, 155 looks on a white background.

Color Contrast Check

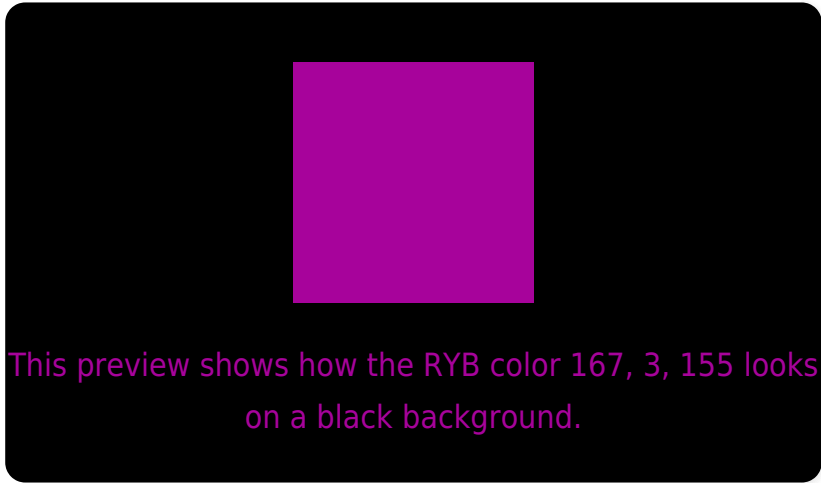
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

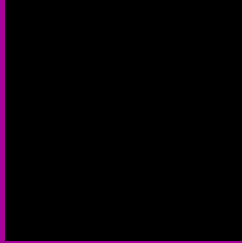
Any Text WCAG AA × Fail

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 167, 3, 155 Background



This preview shows how black text looks on a background with the RYP color 167, 3, 155.

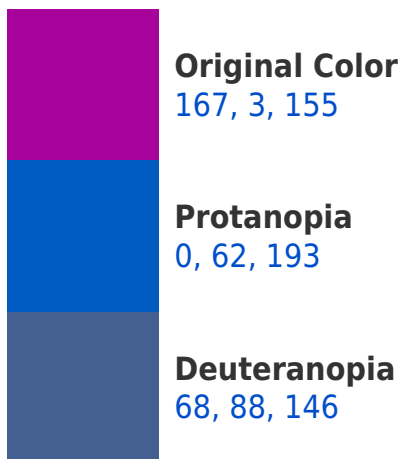


This preview shows how white text looks on a background with the RYP color 167, 3, 155.

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
158, 61, 65

Trichromacy



Original Color

167, 3, 155



Protanomaly

61, 59, 179



Deuteranomaly

104, 61, 149



Tritanomaly

161, 40, 98

Monochromacy



Original Color

167, 3, 155



Achromatopsia

69, 69, 69



Achromatomaly

105, 45, 100

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 3, 155 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(167, 3, 155)` looks like.

```
.text, #text, p{  
    color:rgb(167, 3, 155)  
}
```

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(167, 3, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 3, 155) }
```

Border

The CSS property to change the border of an element to RYB 167, 3, 155 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(167, 3, 155) }
```

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

```
.border{ border-color:rgb(167, 3, 155) }
```

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

Here you see how a box with a 4 pixel rgb(167, 3, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 3, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 3, 155);  
box-shadow:4px 4px 4px 4px rgb(167, 3,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 167, 3, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 3, 155) }
```

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

```
.background{ background-color: rgb(167, 3,  
155) }
```

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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