

Converting Colors

`RYB(167, 155, 189)`

Have a look what the booklet for
RYB(167, 155, 189) contains.

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Color

R_YB(167, 155, 189)

Conversions

Conversions Part 1

Format	Color
Hex	A79BBD
RGB	167, 155, 189
RGB Percent	65%, 61%, 74%
CMY	0.3451, 0.3922, 0.2588
CMYK	0.12, 0.18, 0.00, 0.26
HSL	261°, 20%, 67%
HSV	261°, 18%, 74%
XYZ	36.8430, 35.3323, 53.0221
YIQ	162.4640, -3.7620, 13.1180

Conversions

Conversions Part 2

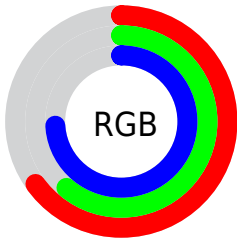
Format	Color
RYB	167, 155, 189
Decimal	10984381
CIELab	66.01, 11.09, -15.96
CIElCh	66, 19.432, 304.795
Yxy	35.3323, 0.2943, 0.2822
Android (android.graphics.Color)	4289174461 (0xFFA79BBD)
YUV	162.4640, 13.0822, 3.9781
Hunter-Lab	59.4410, 6.6170, -11.2787

Details

The RYB color **167, 155, 189** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **155, 189, 167**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **222, 209, 245**, and **115, 104, 136** is the 20% darker color. If you saturate the color by 10%, you get **155, 136, 189**, and if you desaturate by 10%, it is **179, 174, 189**.

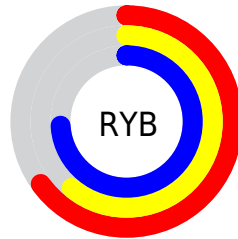
Distribution



Red (65%)

Green (61%)

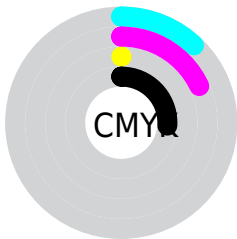
Blue (74%)



Red (65%)

Yellow (61%)

Blue (74%)

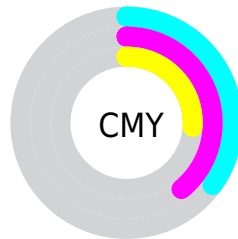


Cyan (12%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (35%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 155, 189 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, 155, 189 by changing the saturation by 10% instead.

■ 167, 155, 189

255, 255, 255

■ 222, 209, 245

■ 251, 238, 255

■ 167, 155, 189

■ 140, 129, 162

■ 115, 104, 136

■ 90, 80, 110

■ 66, 57, 86

■ 44, 35, 62

■ 23, 15, 40

■ 0, 1, 19

■ 0, 0, 0

■ 167, 155, 189

■ 167, 155, 189

■ 155, 136, 189

■ 179, 174, 189

■ 143, 117, 189

■ 189, 193, 191

■ 130, 98, 189

■ 189, 212, 197

■ 118, 79, 189

■ 189, 231, 204

■ 106, 60, 189

■ 189, 250, 211

■ 94, 42, 189

■ 189, 255, 204

■ 81, 23, 189

■ 189, 255, 191

■ 69, 4, 189

■ 189, 255, 189

■ 67, 0, 189

Harmonies

Analogous

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



144, 157, 195



167, 155, 189



186, 150, 176

Triad

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



167, 155, 189



187, 173, 129



117, 145, 170

Complementary

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



167, 155, 189



155, 189, 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.



132, 159, 169



167, 155, 189



141, 171, 126

Square

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



167, 155, 189



196, 152, 141



131, 165, 144



113, 144, 180

Rectangle

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



167, 155, 189



193, 148, 164



131, 165, 144



121, 149, 170

Sweetspot

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



167, 155, 189



237, 233, 245



155, 168, 189



118, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



167, 155, 189



210, 191, 245



184, 155, 189



88, 85, 94



56, 0, 158



11, 0, 31

Inverse Universe

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



189, 155, 177



245, 191, 226



155, 189, 184



94, 85, 91



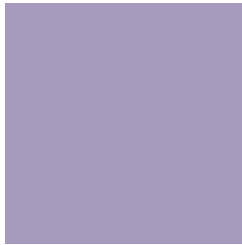
158, 0, 102



31, 0, 20

Previews

White Background



This preview shows how the RYB color 167, 155, 189 looks on a white background.

Color Contrast Check

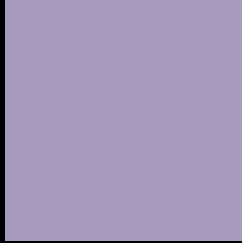
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 167, 155, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

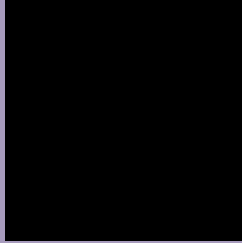
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 167, 155, 189 Background



This preview shows how black text looks on a background with the RYB color 167, 155, 189.



This preview shows how white text looks on a background with the RYB color 167, 155, 189.

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


167, 155, 189

Protanopia

154, 158, 192

Deuteranopia

162, 157, 189



Tritanopia
164, 158, 171

Trichromacy



Original Color
167, 155, 189

Protanomaly
159, 158, 191

Deuteranomaly
164, 156, 189

Tritanomaly
165, 157, 178

Monochromacy



Original Color
167, 155, 189

Achromatopsia
162, 162, 162

Achromatomaly
164, 159, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 155, 189 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, 155, 189)` looks like.

```
.text, #text, p{  
    color:rgb(167, 155, 189)  
}
```

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, 155, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 155, 189) }
```

Border

The CSS property to change the border of an element to RYB 167, 155, 189 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, 155, 189) }
```

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

```
.border{ border-color:rgb(167, 155, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 155, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 155, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 155, 189); box-shadow:4px 4px 4px 4px rgb(167, 155, 189) }
```

Background

The CSS property to change the background color of an element to RYB 167, 155, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 155, 189) }
```

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

```
.background{ background-color: rgb(167,  
155, 189) }
```

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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