

Converting Colors

`RYB(161, 103, 165)`

Have a look what the booklet for
RYB(161, 103, 165) contains.

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Color

R_YB(161, 103, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A167A5
RGB	161, 103, 165
RGB Percent	63%, 40%, 65%
CMY	0.3686, 0.5961, 0.3529
CMYK	0.02, 0.38, 0.00, 0.35
HSL	296°, 26%, 53%
HSV	296°, 38%, 65%
XYZ	26.3397, 19.9942, 38.0683
YIQ	127.4100, 14.6660, 31.5780

Conversions

Conversions Part 2

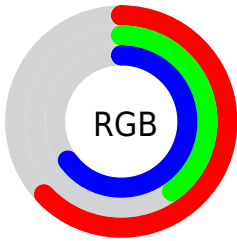
Format	Color
R_{YB}	161, 103, 165
Decimal	10577829
CIE _{Lab}	51.83, 33.61, -23.95
CIE _{LCh}	52, 41.267, 324.530
Yxy	19.9942, 0.3121, 0.2369
Android (android.graphics.Color)	4288767909 (0xFFA167A5)
YUV	127.4100, 18.5319, 29.4584
Hunter-Lab	44.7148, 26.8962, -19.1766

Details

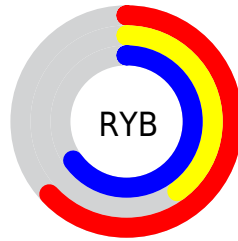
The RYB color **161, 103, 165** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **103, 165, 161**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **217, 155, 220**, and **108, 54, 113** is the 20% darker color. If you saturate the color by 10%, you get **160, 86, 165**, and if you desaturate by 10%, it is **162, 119, 165**.

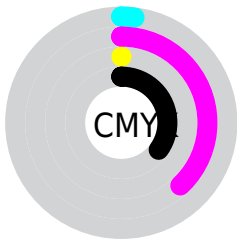
Distribution



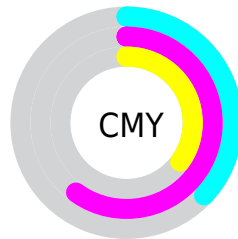
- Red (63%)
- Green (40%)
- Blue (65%)



- Red (63%)
- Yellow (40%)
- Blue (65%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)




- Cyan (37%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 103, 165 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 161, 103, 165 by changing the saturation by 10% instead.

 161, 103, 165


255, 255, 255

 217, 155, 220

 246, 182, 249


 255, 210, 255

 255, 239, 255

 161, 103, 165

 134, 78, 139

 108, 54, 113


 83, 30, 88

 58, 4, 65


 38, 0, 43


 0, 1, 21

 0, 0, 0

 161, 103, 165

 160, 86, 165

 161, 103, 165

 162, 119, 165

 159, 70, 165

 163, 136, 165

 158, 53, 165

 164, 152, 165

 157, 37, 165

 165, 169, 169

 156, 21, 165

 165, 186, 185

 155, 4, 165

 165, 202, 200

 154, 0, 165

 165, 218, 215

 165, 235, 230

 165, 251, 245

Harmonies

Analogous

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



115, 117, 188



161, 103, 165



185, 94, 132

Triad

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



161, 103, 165



96, 150, 51



0, 73, 152

Complementary

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



161, 103, 165



103, 165, 161

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, 77, 141



161, 103, 165



56, 130, 71

Square

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



161, 103, 165



176, 128, 67



72, 129, 137



0, 78, 180

Rectangle

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



161, 103, 165



190, 94, 108



72, 129, 137



0, 71, 141

Sweetspot

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



161, 103, 165



213, 191, 214



103, 107, 165



106, 93, 107



235, 235, 235



107, 107, 107

Same Dimension

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



161, 103, 165



208, 118, 214



165, 103, 138



81, 73, 82



136, 0, 145



17, 0, 18

Inverse Universe

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



165, 103, 107



214, 118, 124



103, 146, 165



82, 73, 74



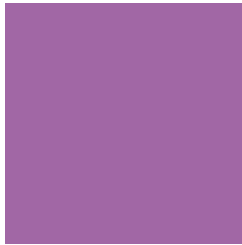
145, 0, 9



18, 0, 1

Previews

White Background



This preview shows how the RYB color 161, 103, 165 looks on a white background.

Color Contrast Check

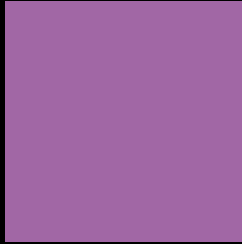
Large Text (above 18pt) WCAG AA ✓ Pass

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 161, 103, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

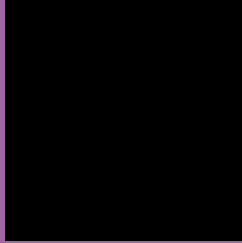
Any Text WCAG AA ✓ Pass

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 161, 103, 165 Background



This preview shows how black text looks on a background with the RYB color 161, 103, 165.

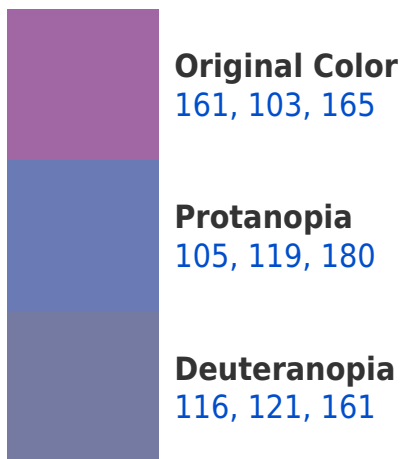


This preview shows how white text looks on a background with the RYB color 161, 103, 165.

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
155, 112, 121

Trichromacy



Original Color
161, 103, 165

Protanomaly
125, 115, 175

Deuteranomaly
132, 115, 162

Tritanomaly
157, 109, 137

Monochromacy



Original Color
161, 103, 165

Achromatopsia
127, 127, 127

Achromatomaly
139, 118, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 103, 165 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(161, 103, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 103, 165)  
}
```

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(161, 103, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 103, 165) }
```

Border

The CSS property to change the border of an element to RYB 161, 103, 165 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(161, 103, 165) }
```

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

```
.border{ border-color:rgb(161, 103, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 103, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 103, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 103, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 103,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 161, 103, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 103, 165) }
```

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

```
.background{ background-color: rgb(161,  
103, 165) }
```

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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