

Converting Colors

`RYB(161, 99, 161)`

Have a look what the booklet for
RYB(161, 99, 161) contains.

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Color

`RYB(161, 99, 161)`

Conversions

Conversions Part 1

Format	Color
Hex	A163A1
RGB	161, 99, 161
RGB Percent	63%, 39%, 63%
CMY	0.3686, 0.6118, 0.3686
CMYK	0.00, 0.39, 0.00, 0.37
HSL	300°, 25%, 51%
HSV	300°, 39%, 63%
XYZ	25.5928, 19.0740, 36.0510
YIQ	124.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

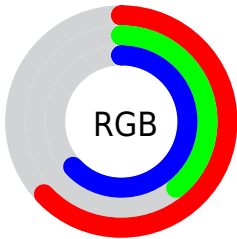
Format	Color
R_{YB}	161, 99, 161
Decimal	10576801
CIE _{Lab}	50.77, 35.05, -23.23
CIE _{LCh}	51, 42.055, 326.463
Yxy	19.0740, 0.3171, 0.2363
Android (android.graphics.Color)	4288766881 (0xFFA163A1)
YUV	124.6060, 17.9422, 31.9175
Hunter-Lab	43.6737, 28.1719, -18.3700

Details

The RYB color **161, 99, 161** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **99, 161, 161**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **217, 151, 216**, and **108, 50, 109** is the 20% darker color. If you saturate the color by 10%, you get **161, 83, 161**, and if you desaturate by 10%, it is **161, 115, 161**.

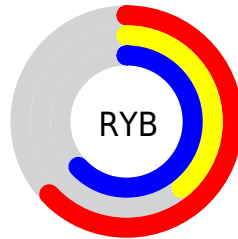
Distribution



Red (63%)

Green (39%)

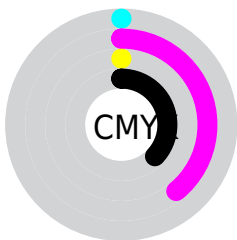
Blue (63%)



Red (63%)

Yellow (39%)

Blue (63%)

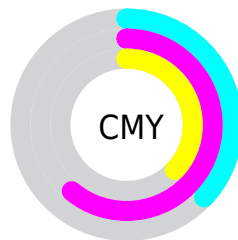


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (37%)



Cyan (37%)


Magenta (61%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 99, 161 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, 99, 161 by changing the saturation by 10% instead.

 161, 99, 161

 161, 99, 161

255, 255, 255

 134, 74, 135

 217, 151, 216

 108, 50, 109

 246, 178, 244

 83, 25, 85

 255, 206, 255


 58, 0, 61

 255, 235, 255


 38, 0, 40


 0, 1, 17

 0, 0, 0

 161, 99, 161

 161, 99, 161

 161, 83, 161

 161, 115, 161

161, 67, 161

161, 131, 161

161, 51, 161

161, 147, 161

161, 35, 161

161, 163, 163

161, 19, 161

161, 179, 179

161, 2, 161

161, 196, 196

161, 0, 161

161, 212, 212

161, 228, 228

161, 244, 244

Harmonies

Analogous

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



116, 113, 185



161, 99, 161



184, 90, 127

Triad

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



161, 99, 161



83, 145, 46



0, 72, 152

Complementary

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



161, 99, 161



99, 161, 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, 76, 139



161, 99, 161



54, 128, 72

Square

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



161, 99, 161



172, 130, 62



64, 122, 135



0, 77, 180

Rectangle

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



161, 99, 161



188, 91, 102



64, 122, 135



0, 70, 140

Sweetspot

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



161, 99, 161



209, 184, 209



99, 99, 161



105, 90, 105



232, 232, 232



105, 105, 105

Same Dimension

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



161, 99, 161



209, 113, 209



161, 99, 130



82, 73, 82



145, 0, 145



18, 0, 18

Inverse Universe

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



161, 99, 161



209, 113, 209



99, 140, 161



82, 73, 82



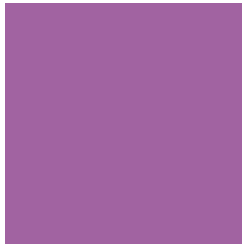
145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RYB color 161, 99, 161 looks on a white background.

Color Contrast Check

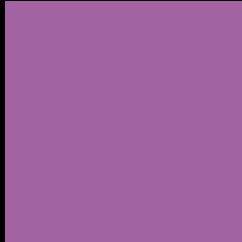
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

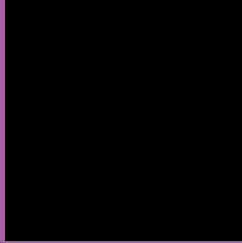
Any Text WCAG AA ✓ Pass

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, 99, 161 Background



This preview shows how black text looks on a background with the RYB color 161, 99, 161.



This preview shows how white text looks on a background with the RYB color 161, 99, 161.

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
161, 99, 161

Protanopia
102, 116, 177

Deuteranopia
114, 118, 157



Tritanopia
155, 108, 117

Trichromacy



Original Color
161, 99, 161

Protanomaly
123, 112, 171

Deuteranomaly
131, 112, 158

Tritanomaly
157, 105, 133

Monochromacy



Original Color
161, 99, 161

Achromatopsia
125, 125, 125

Achromatomaly
138, 116, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 99, 161 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, 99, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 99, 161)  
}
```

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, 99, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 99, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 99, 161 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, 99, 161) }
```

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

```
.border{ border-color:rgb(161, 99, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 99, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 99, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 99, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 99,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 161, 99, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 99, 161) }
```

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

```
.background{ background-color: rgb(161, 99,  
161) }
```

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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