

Converting Colors

`RYB(164, 123, 169)`

Have a look what the booklet for RYB(164, 123, 169) contains.

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Color

`RYB(164, 123, 169)`

Conversions

Conversions Part 1

Format	Color
Hex	A47BA9
RGB	164, 123, 169
RGB Percent	64%, 48%, 66%
CMY	0.3569, 0.5176, 0.3373
CMYK	0.03, 0.27, 0.00, 0.34
HSL	293°, 21%, 57%
HSV	293°, 27%, 66%
XYZ	29.5542, 24.9230, 40.7891
YIQ	140.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

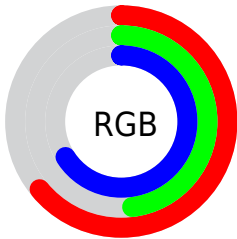
Format	Color
RYB	164, 123, 169
Decimal	10779561
CIELab	57.00, 24.08, -18.31
CIELCh	57, 30.253, 322.749
Yxy	24.9230, 0.3102, 0.2616
Android (android.graphics.Color)	4288969641 (0xFFA47BA9)
YUV	140.5030, 14.0490, 20.6069
Hunter-Lab	49.9229, 18.3063, -13.4963

Details

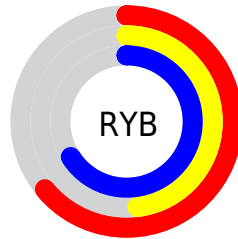
The RYB color **164, 123, 169** is a light color, and the websafe version is hex **996699**. A complement of this color would be **123, 169, 164**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **219, 176, 224**, and **112, 74, 117** is the 20% darker color. If you saturate the color by 10%, you get **162, 106, 169**, and if you desaturate by 10%, it is **166, 140, 169**.

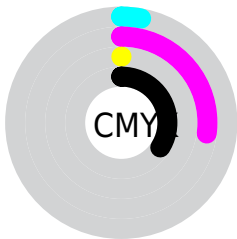
Distribution



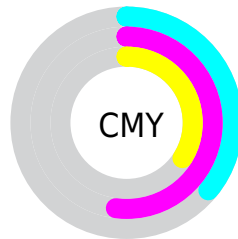
- Red (64%)
- Green (48%)
- Blue (66%)



- Red (64%)
- Yellow (48%)
- Blue (66%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 123, 169 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 164, 123, 169 by changing the saturation by 10% instead.

 164, 123, 169

255, 255, 255

 219, 176, 224

 248, 203, 253


 255, 232, 255

 164, 123, 169

 137, 98, 142

 112, 74, 117

 87, 50, 92

 63, 28, 68

 40, 6, 46


 14, 0, 25

 0, 0, 0

 164, 123, 169


 162, 106, 169

 164, 123, 169

 166, 140, 169

 160, 89, 169


 168, 157, 169

 158, 72, 169


 169, 174, 173

 157, 55, 169

 169, 191, 189

 155, 39, 169

 169, 207, 203

 153, 22, 169

 169, 224, 218

 151, 5, 169

 169, 241, 233

 151, 0, 169

 169, 255, 245

 169, 255, 243

Harmonies

Analogous

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



131, 132, 185



164, 123, 169



184, 117, 144

Triad

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



164, 123, 169



126, 160, 84



40, 97, 156

Complementary

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



164, 123, 169



123, 169, 164

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.



70, 117, 151



164, 123, 169



87, 141, 94

Square

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



164, 123, 169



180, 138, 96



103, 146, 147



48, 105, 178

Rectangle

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



164, 123, 169



189, 117, 126



103, 146, 147



49, 101, 151

Sweetspot

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



164, 123, 169



217, 202, 219



123, 128, 169



108, 99, 110



237, 237, 237



110, 110, 110

Same Dimension

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



164, 123, 169



211, 147, 219



169, 123, 151



83, 76, 84



132, 0, 148



18, 0, 20

Inverse Universe

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



169, 123, 128



219, 147, 155



123, 156, 169



84, 76, 77



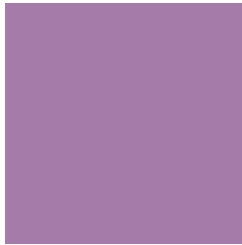
148, 0, 16



20, 0, 2

Previews

White Background



This preview shows how the RYB color 164, 123, 169 looks on a white background.

Color Contrast Check

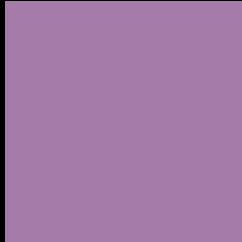
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 123, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

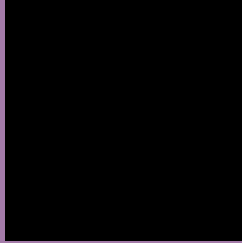
Any Text WCAG AA ✓ Pass

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 164, 123, 169 Background



This preview shows how black text looks on a background with the RYB color 164, 123, 169.



This preview shows how white text looks on a background with the RYB color 164, 123, 169.

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


164, 123, 169

Protanopia

126, 134, 178

Deuteranopia

135, 134, 167



Tritanopia
160, 129, 139

Trichromacy



Original Color
164, 123, 169

Protanomaly
140, 131, 175

Deuteranomaly
146, 130, 168

Tritanomaly
161, 127, 150

Monochromacy



Original Color
164, 123, 169

Achromatopsia
141, 141, 141

Achromatomaly
149, 134, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 123, 169 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(164, 123, 169) looks like.

```
.text, #text, p{  
    color:rgb(164, 123, 169)  
}
```

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(164, 123, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 123, 169) }
```

Border

The CSS property to change the border of an element to RYB 164, 123, 169 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(164, 123, 169) }
```

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

```
.border{ border-color:rgb(164, 123, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 123, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 123, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 123, 169);  
box-shadow:4px 4px 4px 4px rgb(164, 123,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 164, 123, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 123, 169) }
```

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

```
.background{ background-color: rgb(164,  
123, 169) }
```

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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