

Converting Colors

`RYB(164, 102, 152)`

Have a look what the booklet for
RYB(164, 102, 152) contains.

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Color

`RYB(164, 102, 152)`

Conversions

Conversions Part 1

Format	Color
Hex	A46698
RGB	164, 102, 152
RGB Percent	64%, 40%, 60%
CMY	0.3569, 0.6000, 0.4039
CMYK	0.00, 0.38, 0.07, 0.36
HSL	312°, 25%, 52%
HSV	312°, 38%, 64%
XYZ	25.7287, 19.6623, 32.1449
YIQ	126.2380, 20.9020, 28.6940

Conversions

Conversions Part 2

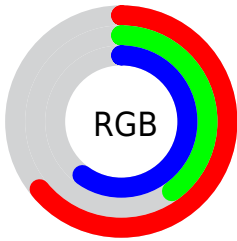
Format	Color
RYB	164, 102, 152
Decimal	10774168
CIELab	51.45, 32.70, -16.87
CIELCh	51, 36.793, 332.702
Yxy	19.6623, 0.3318, 0.2536
Android (android.graphics.Color)	4288964248 (0xFFA46698)
YUV	126.2380, 12.7007, 33.1173
Hunter-Lab	44.3421, 25.9726, -11.9415

Details

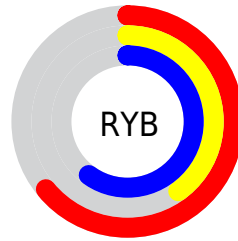
The RYB color **164, 102, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **102, 154, 164**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **220, 154, 206**, and **111, 53, 101** is the 20% darker color. If you saturate the color by 10%, you get **164, 86, 149**, and if you desaturate by 10%, it is **164, 118, 155**.

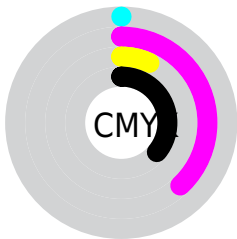
Distribution



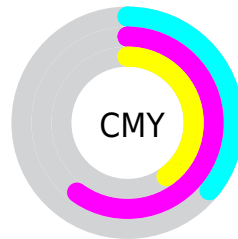
- Red (64%)
- Green (40%)
- Blue (60%)



- Red (64%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (36%)




- Cyan (36%)
- Magenta (60%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 164, 102, 152 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, 102, 152 by changing the saturation by 10% instead.

 164, 102, 152

255, 255, 255

 220, 154, 206


 249, 181, 235

 255, 209, 255

 255, 238, 255

 164, 102, 152

 137, 77, 126

 111, 53, 101


 85, 29, 77

 61, 3, 54

 40, 0, 33


 0, 0, 5

 0, 0, 0

 164, 102, 152

 164, 86, 149

 164, 102, 152

 164, 118, 155

■ 164, 69, 146

■ 164, 135, 158

■ 164, 53, 142

■ 164, 151, 162

■ 164, 36, 139

■ 164, 167, 168

■ 164, 20, 136

■ 164, 181, 184

■ 164, 4, 133

■ 164, 194, 200

■ 164, 0, 132

■ 164, 209, 217

■ 164, 222, 233

■ 164, 236, 250

Harmonies

Analogous

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



129, 113, 176



164, 102, 152



181, 97, 121

Triad

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



164, 102, 152



80, 139, 58



0, 73, 156

Complementary

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



164, 102, 152



102, 154, 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.



0, 73, 139



164, 102, 152



68, 131, 93

Square

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



164, 102, 152



165, 147, 67



66, 117, 136



0, 76, 178

Rectangle

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



164, 102, 152



182, 98, 100



66, 117, 136



0, 71, 146

Sweetspot

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



164, 102, 152



214, 191, 210



113, 102, 164



107, 93, 104



235, 235, 235



107, 107, 107

Same Dimension

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



164, 102, 152



214, 118, 196



164, 102, 122



82, 73, 80



145, 0, 117



18, 0, 14

Inverse Universe

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



164, 102, 152



214, 118, 196



102, 139, 164



82, 73, 80



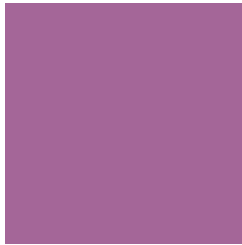
145, 0, 117



18, 0, 14

Previews

White Background



This preview shows how the RYB color 164, 102, 152 looks on a white background.

Color Contrast Check

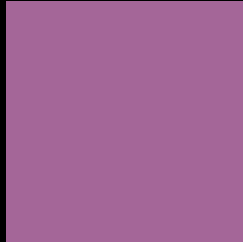
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

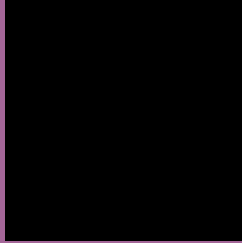
Any Text WCAG AA ✓ Pass

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, 102, 152 Background



This preview shows how black text looks on a background with the RYB color 164, 102, 152.

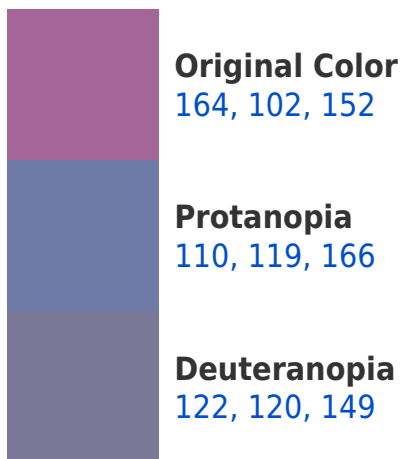



This preview shows how white text looks on a background with the RYB color 164, 102, 152.

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
160, 109, 117

Trichromacy



Original Color
164, 102, 152

Protanomaly
130, 114, 161

Deuteranomaly
137, 113, 150

Tritanomaly
161, 106, 130

Monochromacy



Original Color
164, 102, 152

Achromatopsia
126, 126, 126

Achromatomaly
140, 117, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 102, 152 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, 102, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 102, 152)  
}
```

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, 102, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 102, 152) }
```

Border

The CSS property to change the border of an element to RYB 164, 102, 152 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, 102, 152) }
```

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

```
.border{ border-color:rgb(164, 102, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 102, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 102, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 102, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 102,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 164, 102, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 102, 152) }
```

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

```
.background{ background-color: rgb(164,  
102, 152) }
```

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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