

Converting Colors

`RYB(164, 102, 124)`

Have a look what the booklet for
RYB(164, 102, 124) contains.

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Color

`RYB(164, 102, 124)`

Conversions

Conversions Part 1

Format	Color
Hex	A4667C
RGB	164, 102, 124
RGB Percent	64%, 40%, 49%
CMY	0.3569, 0.6000, 0.5137
CMYK	0.00, 0.38, 0.24, 0.36
HSL	339°, 25%, 52%
HSV	339°, 38%, 64%
XYZ	23.6993, 18.8505, 21.4582
YIQ	123.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

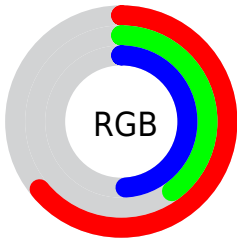
Format	Color
RYB	164, 102, 124
Decimal	10774140
CIELab	50.51, 28.02, -1.71
CIELCh	51, 28.067, 356.502
Yxy	18.8505, 0.3703, 0.2945
Android (android.graphics.Color)	4288964220 (0xFFA4667C)
YUV	123.0460, 0.4703, 35.9167
Hunter-Lab	43.4172, 21.4544, 1.0889

Details

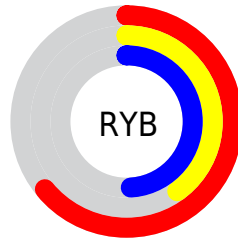
The RYB color **164, 102, 124** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 140, 164**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **220, 154, 176**, and **111, 53, 75** is the 20% darker color. If you saturate the color by 10%, you get **164, 86, 113**, and if you desaturate by 10%, it is **164, 118, 135**.

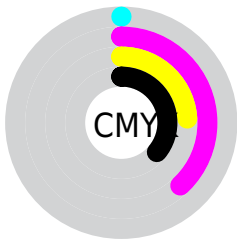
Distribution



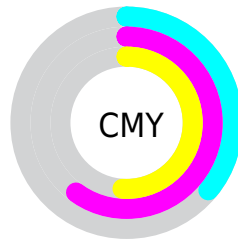
- Red (64%)
- Green (40%)
- Blue (49%)



- Red (64%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (36%)




- Cyan (36%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 102, 124 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, 124 by changing the saturation by 10% instead.

 164, 102, 124

255, 255, 255

 220, 154, 176


 249, 181, 204

 255, 209, 232

 255, 237, 255

 164, 102, 124

 137, 77, 99


 111, 53, 75

 85, 30, 53

 60, 6, 32

 41, 0, 7

 0, 0, 0


 164, 102, 124

 164, 86, 113

 164, 69, 103

 164, 102, 124

 164, 118, 135

 164, 135, 145

164, 53, 92

164, 151, 156

164, 36, 82

164, 167, 168

164, 20, 71

164, 176, 184

164, 4, 61

164, 186, 200

164, 0, 58

164, 196, 217

164, 206, 233

164, 216, 250

Harmonies

Analogous

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



148, 107, 147



164, 102, 124



167, 103, 100

Triad

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



164, 102, 124



77, 125, 88



42, 92, 159

Complementary

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



164, 102, 124



102, 140, 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.



28, 82, 141



164, 102, 124



86, 124, 130

Square

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



164, 102, 124



103, 139, 72



56, 99, 133



82, 110, 168

Rectangle

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



164, 102, 124



162, 114, 87



56, 99, 133



32, 87, 154

Sweetspot

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



164, 102, 124



214, 191, 199



141, 102, 164



107, 93, 98



235, 235, 235



107, 107, 107

Same Dimension

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



164, 102, 124



214, 118, 152



164, 111, 102



82, 73, 76



145, 0, 52



18, 0, 6

Inverse Universe

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



164, 102, 124



214, 118, 152



102, 131, 164



82, 73, 76



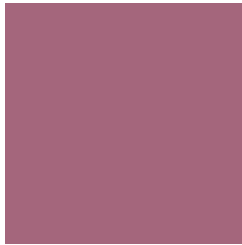
145, 0, 52



18, 0, 6

Previews

White Background



This preview shows how the RYB color 164, 102, 124 looks on a white background.

Color Contrast Check

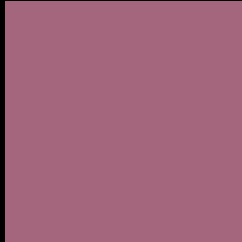
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124 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](#).

RYP 164, 102, 124 Background



This preview shows how black text looks on a background with the RYB color 164, 102, 124.



This preview shows how white text looks on a background with the RYB color 164, 102, 124.

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, 102, 124

Protanopia

119, 120, 135

Deuteranopia

132, 117, 121



Tritanopia
163, 104, 112

Trichromacy



Original Color
164, 102, 124

Protanomaly
135, 113, 131

Deuteranomaly
144, 112, 122

Tritanomaly
163, 103, 116

Monochromacy



Original Color
164, 102, 124

Achromatopsia
123, 123, 123

Achromatomaly
138, 115, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 102, 124 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, 124) looks like.

```
.text, #text, p{  
    color:rgb(164, 102, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 102, 124) }
```

Border

The CSS property to change the border of an element to RYB 164, 102, 124 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, 124) }
```

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

```
.border{ border-color:rgb(164, 102, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 102, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 102, 124);  
box-shadow:4px 4px 4px 4px rgb(164, 102,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 164, 102, 124 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, 124) }
```

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

```
.background{ background-color: rgb(164,  
102, 124) }
```

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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