

Converting Colors

`RYB(163, 98, 124)`

Have a look what the booklet for
RYB(163, 98, 124) contains.

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Color

RYP(163, 98, 124)

Conversions

Conversions Part 1

Format	Color
Hex	A3627C
RGB	163, 98, 124
RGB Percent	64%, 38%, 49%
CMY	0.3608, 0.6157, 0.5137
CMYK	0.00, 0.40, 0.24, 0.36
HSL	336°, 26%, 51%
HSV	336°, 40%, 64%
XYZ	23.1100, 17.9771, 21.3207
YIQ	120.3990, 30.3940, 21.8660

Conversions

Conversions Part 2

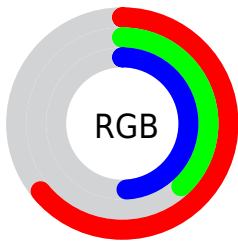
Format	Color
RYB	163, 98, 124
Decimal	10707580
CIELab	49.47, 29.88, -3.26
CIELCh	49, 30.060, 353.770
Yxy	17.9771, 0.3703, 0.2881
Android (android.graphics.Color)	4288897660 (0xFFA3627C)
YUV	120.3990, 1.7753, 37.3611
Hunter-Lab	42.3994, 23.0933, -0.1345

Details

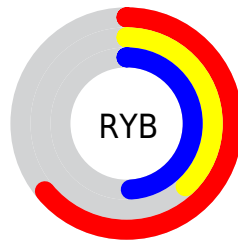
The RYB color **163, 98, 124** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98, 139, 163**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **219, 150, 176**, and **109, 49, 75** is the 20% darker color. If you saturate the color by 10%, you get **163, 82, 114**, and if you desaturate by 10%, it is **163, 114, 134**.

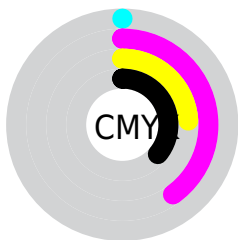
Distribution



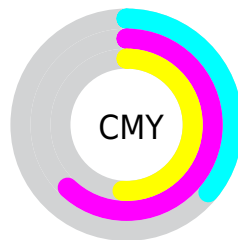
- Red (64%)
- Green (38%)
- Blue (49%)



- Red (64%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (36%)






















- Cyan (36%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 98, 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 163, 98, 124 by changing the saturation by 10% instead.

 163, 98, 124	 163, 98, 124
 255, 255, 255	 136, 73, 99
 219, 150, 176	 109, 49, 75
 248, 177, 204	 84, 26, 53
 255, 205, 232	 59, 1, 32
 255, 233, 255	 40, 0, 7
	 0, 0, 0

 163, 98, 124	 163, 98, 124
 163, 82, 114	 163, 114, 134
 163, 65, 104	 163, 131, 144

163, 49, 95

163, 147, 153

163, 33, 85

163, 163, 163

163, 17, 75

163, 173, 179

163, 0, 65

163, 184, 196

163, 194, 212

163, 204, 228

163, 214, 245

Harmonies

Analogous

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



145, 104, 148



163, 98, 124



167, 99, 98

Triad

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



163, 98, 124



70, 122, 78



14, 78, 158

Complementary

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



163, 98, 124



98, 139, 163

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, 67, 137



163, 98, 124



84, 125, 128

Square

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



163, 98, 124



105, 139, 67



48, 95, 131



70, 104, 168

Rectangle

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



163, 98, 124



162, 110, 83



48, 95, 131



0, 70, 152

Sweetspot

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



163, 98, 124



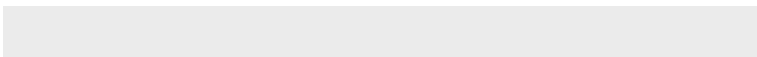
212, 186, 196



137, 98, 163



107, 92, 98



235, 235, 235



107, 107, 107

Same Dimension

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



163, 98, 124



212, 110, 151



163, 106, 98



82, 73, 77



145, 0, 58



18, 0, 7

Inverse Universe

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



163, 98, 124



212, 110, 151



98, 129, 163



82, 73, 77



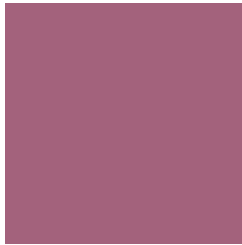
145, 0, 58



18, 0, 7

Previews

White Background



This preview shows how the RYB color 163, 98, 124 looks on a white background.

Color Contrast Check

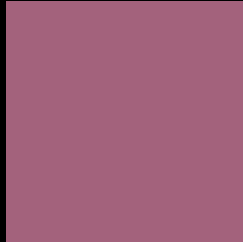
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 163, 98, 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 163, 98, 124 Background



This preview shows how black text looks on a background with the RYP color 163, 98, 124.



This preview shows how white text looks on a background with the RYP color 163, 98, 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

163, 98, 124

Protanopia

115, 117, 136

Deuteranopia

128, 114, 121



Tritanopia
161, 101, 108

Trichromacy



Original Color
163, 98, 124

Protanomaly
132, 110, 132

Deuteranomaly
141, 108, 122

Tritanomaly
162, 100, 114

Monochromacy



Original Color
163, 98, 124

Achromatopsia
120, 120, 120

Achromatomaly
136, 112, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 98, 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(163, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(163, 98, 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(163, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 98, 124) }
```

Border

The CSS property to change the border of an element to RYB 163, 98, 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(163, 98, 124) }
```

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

```
.border{ border-color:rgb(163, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(163, 98,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 163, 98, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 98, 124) }
```

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

```
.background{ background-color: rgb(163, 98,  
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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