

Converting Colors

`RYB(177, 124, 152)`

Have a look what the booklet for
RYB(177, 124, 152) contains.

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Color

R_YB(177, 124, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B17C98
RGB	177, 124, 152
RGB Percent	69%, 49%, 60%
CMY	0.3059, 0.5137, 0.4039
CMYK	0.00, 0.30, 0.14, 0.31
HSL	328°, 25%, 59%
HSV	328°, 30%, 69%
XYZ	31.0066, 26.0294, 33.0957
YIQ	143.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

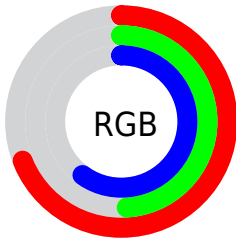
Format	Color
RYB	177, 124, 152
Decimal	11631768
CIELab	58.06, 24.95, -6.77
CIELCh	58, 25.856, 344.811
Yxy	26.0294, 0.3440, 0.2888
Android (android.graphics.Color)	4289821848 (0xFFB17C98)
YUV	143.0390, 4.4178, 29.7838
Hunter-Lab	51.0190, 19.1994, -2.7477

Details

The RYB color **177, 124, 152** is a light color, and the websafe version is hex **996699**. A complement of this color would be **124, 160, 177**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **233, 177, 206**, and **123, 74, 101** is the 20% darker color. If you saturate the color by 10%, you get **177, 106, 144**, and if you desaturate by 10%, it is **177, 142, 160**.

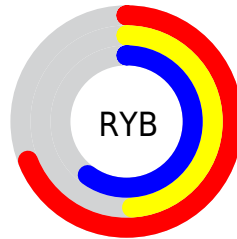
Distribution



Red (69%)

Green (49%)

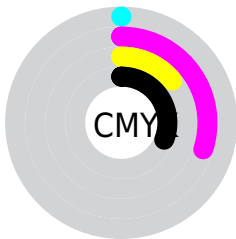
Blue (60%)



Red (69%)

Yellow (49%)

Blue (60%)

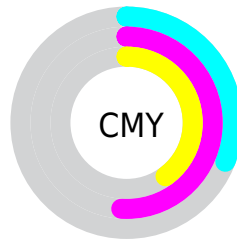


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (51%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the RYB color 177, 124, 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 177, 124, 152 by changing the saturation by 10% instead.

 177, 124, 152


255, 255, 255

 233, 177, 206


 255, 205, 234

 255, 233, 255

 177, 124, 152

 150, 99, 126

 123, 74, 101


 98, 51, 77

 73, 28, 54

 49, 6, 33


 28, 0, 9

 0, 0, 0

 177, 124, 152

 177, 106, 144

 177, 124, 152

 177, 142, 160

177, 89, 135

177, 159, 169

177, 71, 127

177, 177, 177

177, 53, 119

177, 189, 195

177, 35, 110

177, 201, 212

177, 18, 102

177, 213, 230

177, 0, 94

177, 225, 248

177, 228, 255

177, 225, 255

Harmonies

Analogous

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



157, 130, 172



177, 124, 152



185, 123, 129

Triad

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



177, 124, 152



97, 144, 95



69, 114, 171

Complementary

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



177, 124, 152



124, 160, 177

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.



71, 112, 152



177, 124, 152



107, 148, 136

Square

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



177, 124, 152



155, 166, 96



92, 129, 151



93, 126, 183

Rectangle

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



177, 124, 152



183, 127, 115



92, 129, 151



67, 112, 165

Sweetspot

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



177, 124, 152



230, 209, 220



149, 124, 177



115, 102, 109



242, 242, 242



115, 115, 115

Same Dimension

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



177, 124, 152



230, 147, 191



177, 124, 126



89, 80, 85



153, 0, 81



26, 0, 13

Inverse Universe

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



177, 124, 152



230, 147, 191



124, 151, 177



89, 80, 85



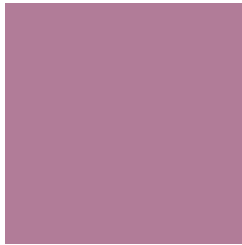
153, 0, 81



26, 0, 13

Previews

White Background



This preview shows how the RYB color 177, 124, 152 looks on a white background.

Color Contrast Check

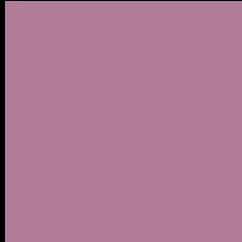
Large Text (above 18pt) WCAG AA ✓ Pass

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 177, 124, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

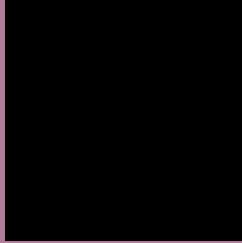
Any Text WCAG AA ✓ Pass

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 177, 124, 152 Background



This preview shows how black text looks on a background with the RYB color 177, 124, 152.



This preview shows how white text looks on a background with the RYB color 177, 124, 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



Original Color
177, 124, 152

Protanopia
136, 139, 161

Deuteranopia
149, 136, 150



Tritanopia
175, 127, 136

Trichromacy



Original Color
177, 124, 152

Protanomaly
151, 134, 158

Deuteranomaly
159, 132, 151

Tritanomaly
176, 126, 142

Monochromacy



Original Color
177, 124, 152

Achromatopsia
143, 143, 143

Achromatomaly
155, 136, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 124, 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(177, 124, 152) looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 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(177, 124, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 152) }
```

Border

The CSS property to change the border of an element to RYB 177, 124, 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(177, 124, 152) }
```

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

```
.border{ border-color:rgb(177, 124, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 124, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 177, 124, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 152) }
```

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

```
.background{ background-color: rgb(177,  
124, 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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