

Converting Colors

`RYB(177, 62, 123)`

Have a look what the booklet for
RYB(177, 62, 123) contains.

RYB(177, 62, 123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYP(177, 62, 123)

Conversions

Conversions Part 1

Format	Color
Hex	B13E7B
RGB	177, 62, 123
RGB Percent	69%, 24%, 48%
CMY	0.3059, 0.7569, 0.5176
CMYK	0.00, 0.65, 0.31, 0.31
HSL	328°, 48%, 47%
HSV	328°, 65%, 69%
XYZ	23.4292, 14.2224, 20.2492
YIQ	103.3390, 48.9590, 43.3510

Conversions

Conversions Part 2

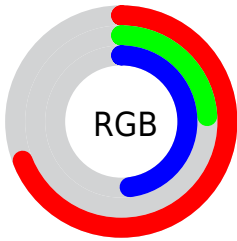
Format	Color
R_{YB}	177, 62, 123
Decimal	11615867
CIE _{Lab}	44.55, 52.51, -9.76
CIE _{LCh}	45, 53.412, 349.468
Yxy	14.2224, 0.4046, 0.2456
Android (android.graphics.Color)	4289805947 (0xFFB13E7B)
YUV	103.3390, 9.6929, 64.6007
Hunter-Lab	37.7126, 44.8973, -5.4360

Details

The RYB color **177, 62, 123** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 140, 177**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **236, 116, 175**, and **120, 0, 74** is the 20% darker color. If you saturate the color by 10%, you get **177, 44, 115**, and if you desaturate by 10%, it is **177, 80, 131**.

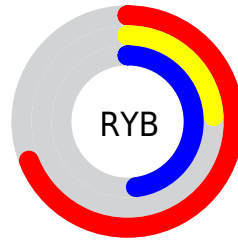
Distribution



Red (69%)

Green (24%)

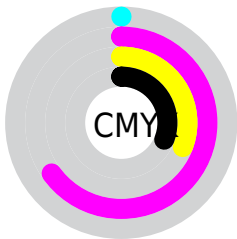
Blue (48%)



Red (69%)

Yellow (24%)

Blue (48%)

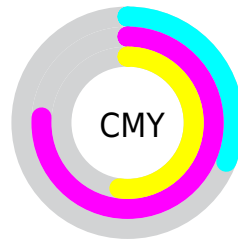


Cyan (0%)

Magenta (65%)

Yellow (31%)

Black (31%)



Cyan (31%)

Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 62, 123 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, 62, 123 by changing the saturation by 10% instead.



177, 62, 123



177, 62, 123

255, 255, 255



148, 32, 98



236, 116, 175



120, 0, 74



255, 144, 203



93, 0, 52



255, 172, 231



66, 0, 31



255, 200, 255



42, 0, 2



255, 229, 255



0, 0, 0



177, 62, 123



177, 62, 123



177, 44, 115



177, 80, 131



177, 27, 106



177, 97, 140

■ 177, 9, 98

■ 177, 115, 148

■ 177, 0, 94

■ 177, 133, 156

■ 177, 150, 165

■ 177, 168, 173

■ 177, 183, 186

■ 177, 196, 204

■ 177, 207, 221

Harmonies

Analogous

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



143, 80, 164



177, 62, 123



184, 62, 79

Triad

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



177, 62, 123



0, 112, 13



0, 72, 172

Complementary

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



177, 62, 123



62, 140, 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.



0, 65, 134



177, 62, 123



41, 119, 121

Square

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



177, 62, 123



60, 140, 0



0, 73, 125



0, 72, 193

Rectangle

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



177, 62, 123



177, 76, 51



0, 73, 125



0, 70, 161

Sweetspot

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



177, 62, 123



230, 186, 209



116, 62, 177



115, 88, 102



242, 242, 242



115, 115, 115

Same Dimension

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



177, 62, 123



230, 50, 145



177, 62, 66



89, 80, 85



153, 0, 81



26, 0, 14

Inverse Universe

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



177, 62, 123



230, 50, 145



62, 121, 177



89, 80, 85



153, 0, 81



26, 0, 14

Previews

White Background



This preview shows how the RYB color 177, 62, 123 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 177, 62, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

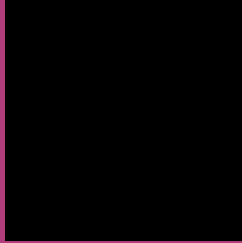
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 177, 62, 123 Background



This preview shows how black text looks on a background with the RYB color 177, 62, 123.

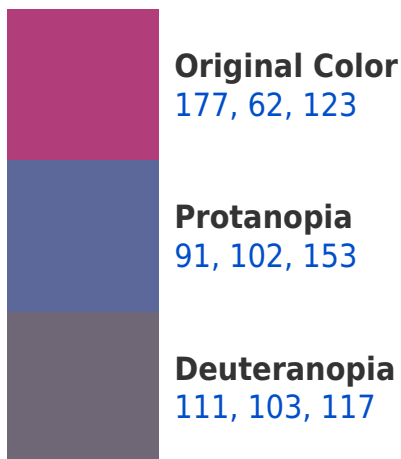


This preview shows how white text looks on a background with the RYB color 177, 62, 123.

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

173, 73, 78

Trichromacy



Original Color

177, 62, 123

Protanomaly

122, 89, 142

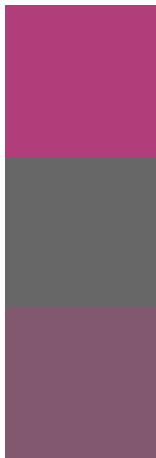
Deuteranomaly

135, 88, 119

Tritanomaly

174, 69, 94

Monochromacy



Original Color

177, 62, 123

Achromatopsia

103, 103, 103

Achromatomaly

130, 88, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 62, 123 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, 62, 123)` looks like.

```
.text, #text, p{  
    color:rgb(177, 62, 123)  
}
```

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, 62, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 62, 123) }
```

Border

The CSS property to change the border of an element to RYB 177, 62, 123 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, 62, 123) }
```

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

```
.border{ border-color:rgb(177, 62, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 62, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 62, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 62, 123);  
box-shadow:4px 4px 4px 4px rgb(177, 62,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 177, 62, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 62, 123) }
```

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

```
.background{ background-color: rgb(177, 62,  
123) }
```

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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