

Converting Colors

`RYB(176, 125, 162)`

Have a look what the booklet for
RYB(176, 125, 162) contains.

RYB(176, 125, 162)	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

R_YB(176, 125, 162)

Conversions

Conversions Part 1

Format	Color
Hex	B07DA2
RGB	176, 125, 162
RGB Percent	69%, 49%, 64%
CMY	0.3098, 0.5098, 0.3647
CMYK	0.00, 0.29, 0.08, 0.31
HSL	316°, 24%, 59%
HSV	316°, 29%, 69%
XYZ	31.7597, 26.5060, 37.6247
YIQ	144.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

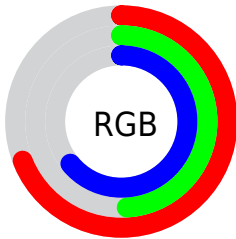
Format	Color
RYB	176, 125, 162
Decimal	11566498
CIELab	58.51, 25.78, -11.87
CIELCh	59, 28.383, 335.271
Yxy	26.5060, 0.3312, 0.2764
Android (android.graphics.Color)	4289756578 (0xFFB07DA2)
YUV	144.4670, 8.6438, 27.6544
Hunter-Lab	51.4840, 20.0171, -7.2906

Details

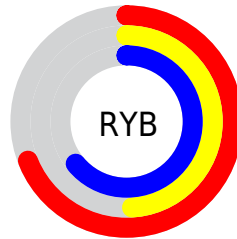
The RYB color **176, 125, 162** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 165, 176**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **232, 178, 217**, and **123, 75, 110** is the 20% darker color. If you saturate the color by 10%, you get **176, 107, 157**, and if you desaturate by 10%, it is **176, 143, 167**.

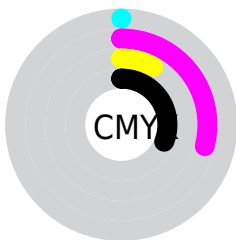
Distribution



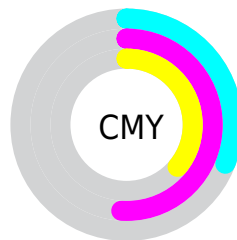
- Red (69%)
- Green (49%)
- Blue (64%)



- Red (69%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (31%)



- Cyan (31%)
- Magenta (51%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 176, 125, 162 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 176, 125, 162 by changing the saturation by 10% instead.

 176, 125, 162

255, 255, 255

 232, 178, 217

 255, 206, 245

 255, 234, 255

 176, 125, 162

 149, 100, 136

 123, 75, 110

 97, 52, 86

 73, 29, 63

 49, 6, 41

 29, 0, 20


 0, 0, 0

 176, 125, 162


 176, 107, 157

 176, 125, 162

 176, 143, 167


 176, 90, 152

 176, 160, 172

 176, 72, 148


 176, 178, 178

 176, 55, 143

 176, 191, 195

 176, 37, 138

 176, 205, 213

 176, 19, 133

 176, 219, 231

 176, 2, 128

 176, 232, 248

 176, 0, 128

 176, 236, 255

 176, 234, 255

Harmonies

Analogous

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



150, 133, 181



176, 125, 162



189, 122, 137

Triad

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



176, 125, 162



107, 154, 91



55, 108, 169

Complementary

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



176, 125, 162



125, 165, 176

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.



69, 114, 154



176, 125, 162



99, 148, 120

Square

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



176, 125, 162



175, 162, 96



97, 136, 152



76, 120, 185

Rectangle

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



176, 125, 162



190, 123, 121



97, 136, 152



56, 107, 161

Sweetspot

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



176, 125, 162



230, 209, 224



139, 125, 176



115, 102, 111



242, 242, 242



115, 115, 115

Same Dimension

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



176, 125, 162



230, 149, 207



176, 125, 137



89, 80, 87



153, 0, 111



26, 0, 18

Inverse Universe

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



176, 125, 162



230, 149, 207



125, 154, 176



89, 80, 87



153, 0, 111



26, 0, 19

Previews

White Background



This preview shows how the RYB color 176, 125, 162 looks on a white background.

Color Contrast Check

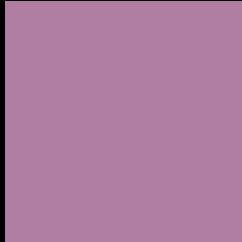
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 125, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

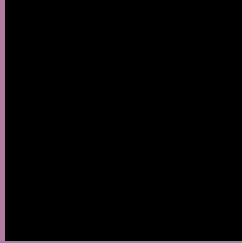
Any Text WCAG AA ✓ Pass

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 176, 125, 162 Background



This preview shows how black text looks on a background with the RYB color 176, 125, 162.



This preview shows how white text looks on a background with the RYB color 176, 125, 162.

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
176, 125, 162

Protanopia
134, 139, 172

Deuteranopia
146, 137, 160



Tritanopia
173, 129, 139

Trichromacy



Original Color
176, 125, 162

Protanomaly
149, 135, 168

Deuteranomaly
157, 133, 161

Tritanomaly
174, 128, 147

Monochromacy



Original Color
176, 125, 162

Achromatopsia
144, 144, 144

Achromatomaly
156, 137, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 125, 162 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(176, 125, 162) looks like.

```
.text, #text, p{  
    color:rgb(176, 125, 162)  
}
```

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(176, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 125, 162) }
```

Border

The CSS property to change the border of an element to RYB 176, 125, 162 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(176, 125, 162) }
```

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

```
.border{ border-color:rgb(176, 125, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 125, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 125,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 176, 125, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 125, 162) }
```

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

```
.background{ background-color: rgb(176,  
125, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor