

Converting Colors

`RYB(165, 125, 170)`

Have a look what the booklet for
RYB(165, 125, 170) contains.

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Color

R_YB(165, 125, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A57DAA
RGB	165, 125, 170
RGB Percent	65%, 49%, 67%
CMY	0.3529, 0.5098, 0.3333
CMYK	0.03, 0.26, 0.00, 0.33
HSL	293°, 21%, 58%
HSV	293°, 26%, 67%
XYZ	30.1064, 25.5688, 41.3787
YIQ	142.0900, 9.3950, 22.4750

Conversions

Conversions Part 2

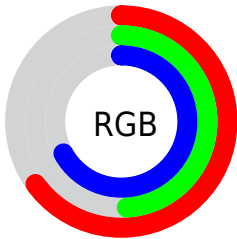
Format	Color
RYB	165, 125, 170
Decimal	10845610
CIELab	57.63, 23.48, -17.93
CIELCh	58, 29.543, 322.643
Yxy	25.5688, 0.3102, 0.2634
Android (android.graphics.Color)	4289035690 (0xFFA57DAA)
YUV	142.0900, 13.7596, 20.0921
Hunter-Lab	50.5656, 17.7875, -13.1220

Details

The RYB color **165, 125, 170** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 170, 165**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **220, 178, 225**, and **113, 75, 118** is the 20% darker color. If you saturate the color by 10%, you get **163, 108, 170**, and if you desaturate by 10%, it is **167, 142, 170**.

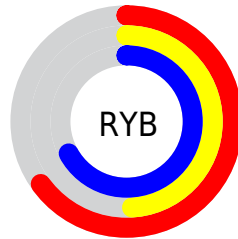
Distribution



Red (65%)

Green (49%)

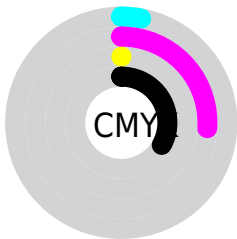
Blue (67%)



Red (65%)

Yellow (49%)

Blue (67%)

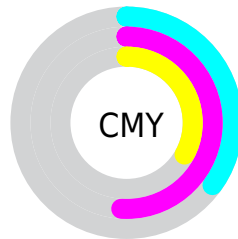


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (51%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 165, 125, 170 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 165, 125, 170 by changing the saturation by 10% instead.

 165, 125, 170


255, 255, 255

 220, 178, 225

 249, 206, 254

 255, 234, 255


 165, 125, 170

 138, 100, 143

 113, 75, 118

 88, 52, 93

 64, 30, 69

 41, 8, 47

 17, 0, 26

 0, 0, 0

 165, 125, 170

 163, 108, 170

 165, 125, 170

 167, 142, 170

161, 91, 170

169, 159, 170

159, 74, 170

170, 176, 175

157, 57, 170

170, 193, 190

156, 40, 170

170, 210, 206

154, 23, 170

170, 227, 221

152, 6, 170

170, 244, 236

151, 0, 170

170, 255, 245

170, 255, 243

Harmonies

Analogous

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



133, 134, 186



165, 125, 170



184, 119, 146

Triad

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



165, 125, 170



129, 162, 87



47, 101, 157

Complementary

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



165, 125, 170



125, 170, 165

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.



74, 119, 152



165, 125, 170



90, 143, 97

Square

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



165, 125, 170



181, 140, 98



106, 149, 149



54, 108, 179

Rectangle

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



165, 125, 170



189, 119, 128



106, 149, 149



55, 104, 152

Sweetspot

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



165, 125, 170



220, 204, 222



125, 130, 170



111, 101, 112



240, 240, 240



112, 112, 112

Same Dimension

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



165, 125, 170



214, 151, 222



170, 125, 153



83, 76, 84



131, 0, 148



18, 0, 20

Inverse Universe

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



170, 125, 130



222, 151, 159



125, 158, 170



84, 76, 77



148, 0, 16



20, 0, 2

Previews

White Background



This preview shows how the RYB color 165, 125, 170 looks on a white background.

Color Contrast Check

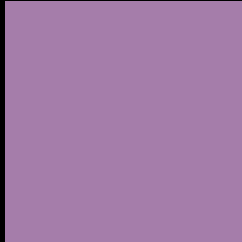
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 125, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

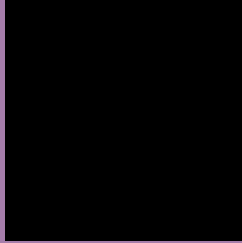
Any Text WCAG AA ✓ Pass

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 165, 125, 170 Background



This preview shows how black text looks on a background with the RYB color 165, 125, 170.



This preview shows how white text looks on a background with the RYB color 165, 125, 170.

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
165, 125, 170

Protanopia
128, 136, 179

Deuteranopia
138, 136, 168



Tritanopia
161, 131, 141

Trichromacy



Original Color
165, 125, 170

Protanomaly
141, 133, 176

Deuteranomaly
148, 132, 169

Tritanomaly
162, 129, 152

Monochromacy



Original Color
165, 125, 170

Achromatopsia
142, 142, 142

Achromatomaly
150, 136, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 125, 170 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(165, 125, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 125, 170)  
}
```

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(165, 125, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 125, 170) }
```

Border

The CSS property to change the border of an element to RYB 165, 125, 170 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(165, 125, 170) }
```

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

```
.border{ border-color:rgb(165, 125, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 125, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 125, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 125, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 125,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 165, 125, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 125, 170) }
```

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

```
.background{ background-color: rgb(165,  
125, 170) }
```

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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