

Converting Colors

`RYB(175, 120, 137)`

Have a look what the booklet for
RYB(175, 120, 137) contains.

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Color

R_YB(175, 120, 137)

Conversions

Conversions Part 1

Format	Color
Hex	AF7889
RGB	175, 120, 137
RGB Percent	69%, 47%, 54%
CMY	0.3137, 0.5294, 0.4627
CMYK	0.00, 0.31, 0.22, 0.31
HSL	341°, 26%, 58%
HSV	341°, 31%, 69%
XYZ	28.9110, 24.3530, 26.8437
YIQ	138.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

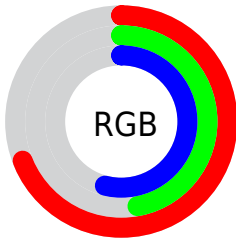
Format	Color
R_{YB}	175, 120, 137
Decimal	11499657
CIE _{Lab}	56.44, 24.02, -0.51
CIE _{LCh}	56, 24.028, 358.779
Yxy	24.3530, 0.3609, 0.3040
Android (android.graphics.Color)	4289689737 (0xFFAF7889)
YUV	138.3830, -0.6818, 32.1131
Hunter-Lab	49.3488, 18.2139, 2.2928

Details

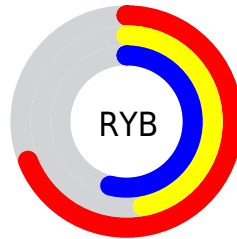
The RYB color **175, 120, 137** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120, 153, 175**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **231, 173, 190**, and **121, 71, 87** is the 20% darker color. If you saturate the color by 10%, you get **175, 102, 125**, and if you desaturate by 10%, it is **175, 138, 149**.

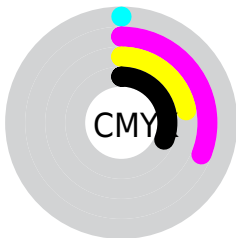
Distribution



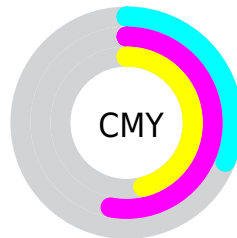
- Red (69%)
- Green (47%)
- Blue (54%)



- Red (69%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 120, 137 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 175, 120, 137 by changing the saturation by 10% instead.

 175, 120, 137

255, 255, 255


 231, 173, 190

 255, 200, 218


 255, 229, 247

 175, 120, 137

 148, 95, 112

 121, 71, 87

 96, 47, 64

 71, 25, 42


 47, 2, 22


 20, 0, 0

 0, 0, 0

 175, 120, 137

 175, 102, 125

 175, 120, 137

 175, 138, 149

 175, 85, 113

 175, 155, 161

 175, 68, 101

 175, 173, 173

 175, 50, 89

 175, 184, 190

 175, 33, 77

 175, 195, 208

 175, 15, 64

 175, 204, 225

 175, 0, 54

 175, 215, 243

 175, 221, 255

 175, 217, 255

Harmonies

Analogous

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



161, 124, 157



175, 120, 137



177, 121, 116

Triad

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



175, 120, 137



98, 140, 109



80, 117, 170

Complementary

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



175, 120, 137



120, 153, 175

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.



70, 110, 155



175, 120, 137



105, 138, 145

Square

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



175, 120, 137



118, 151, 94



82, 118, 147



107, 128, 177

Rectangle

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



175, 120, 137



172, 134, 105



82, 118, 147



74, 114, 166

Sweetspot

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



175, 120, 137



227, 207, 213



158, 120, 175



115, 102, 106



242, 242, 242



115, 115, 115

Same Dimension

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



175, 120, 137



227, 141, 167



175, 132, 120



87, 78, 81



150, 0, 47



23, 0, 7

Inverse Universe

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



175, 120, 137



227, 141, 167



120, 145, 175



87, 78, 81



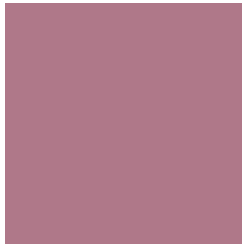
150, 0, 47



23, 0, 7

Previews

White Background



This preview shows how the RYB color 175, 120, 137 looks on a white background.

Color Contrast Check

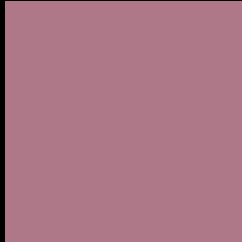
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 120, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

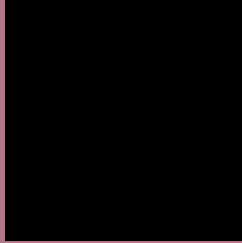
Any Text WCAG AA ✓ Pass

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 175, 120, 137 Background



This preview shows how black text looks on a background with the RYB color 175, 120, 137.

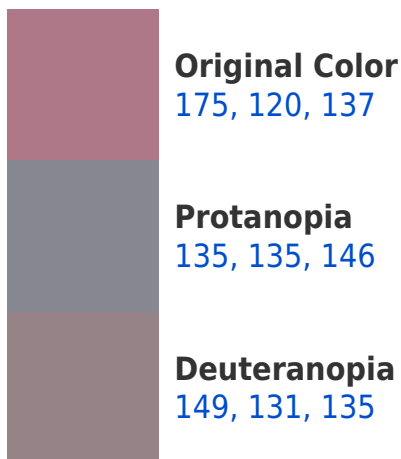



This preview shows how white text looks on a background with the RYB color 175, 120, 137.

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
174, 121, 130

Trichromacy



Original Color
175, 120, 137

Protanomaly
150, 130, 143

Deuteranomaly
158, 127, 136

Tritanomaly
174, 121, 133

Monochromacy



Original Color
175, 120, 137

Achromatopsia
138, 138, 138

Achromatomaly
151, 131, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 120, 137 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(175, 120, 137) looks like.

```
.text, #text, p{  
    color:rgb(175, 120, 137)  
}
```

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(175, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 120, 137) }
```

Border

The CSS property to change the border of an element to RYB 175, 120, 137 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(175, 120, 137) }
```

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

```
.border{ border-color:rgb(175, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(175, 120,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 175, 120, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 120, 137) }
```

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

```
.background{ background-color: rgb(175,  
120, 137) }
```

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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