

Converting Colors

`RYB(162, 127, 138)`

Have a look what the booklet for
RYB(162, 127, 138) contains.

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Color

R_YB(162, 127, 138)

Conversions

Conversions Part 1

Format	Color
Hex	A27F8A
RGB	162, 127, 138
RGB Percent	64%, 50%, 54%
CMY	0.3647, 0.5020, 0.4588
CMYK	0.00, 0.22, 0.15, 0.36
HSL	341°, 16%, 57%
HSV	341°, 22%, 64%
XYZ	27.0771, 24.6951, 27.3843
YIQ	138.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

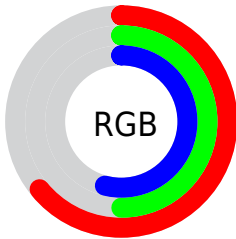
Format	Color
R_{YB}	162, 127, 138
Decimal	10649482
CIE Lab	56.78, 15.30, -0.77
CIE LCh	57, 15.321, 357.134
Yxy	24.6951, 0.3421, 0.3120
Android (android.graphics.Color)	4288839562 (0xFFA27F8A)
YUV	138.7190, -0.3545, 20.4174
Hunter-Lab	49.6942, 10.2954, 2.1138

Details

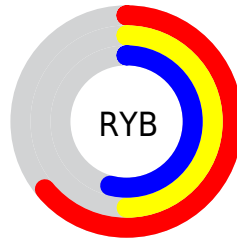
The RYB color **162, 127, 138** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127, 148, 162**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **217, 180, 191**, and **110, 78, 88** is the 20% darker color. If you saturate the color by 10%, you get **162, 111, 127**, and if you desaturate by 10%, it is **162, 143, 149**.

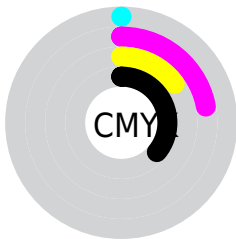
Distribution



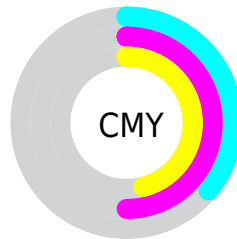
- Red (64%)
- Green (50%)
- Blue (54%)



- Red (64%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 127, 138 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 162, 127, 138 by changing the saturation by 10% instead.


 162, 127, 138


255, 255, 255


 217, 180, 191

 246, 207, 219


 255, 236, 248

 162, 127, 138

 136, 102, 113

 110, 78, 88

 85, 55, 65

 61, 33, 43

 39, 12, 22

 4, 0, 0

 0, 0, 0

 162, 127, 138

 162, 111, 127

 162, 127, 138

 162, 143, 149

■ 162, 95, 116

■ 162, 159, 160

■ 162, 78, 105

■ 162, 171, 176

■ 162, 62, 94

■ 162, 180, 192

■ 162, 46, 82

■ 162, 189, 208

■ 162, 30, 71

■ 162, 199, 224

■ 162, 14, 60

■ 162, 208, 240

■ 162, 0, 51

■ 162, 217, 255

■ 162, 213, 255

Harmonies

Analogous

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



152, 129, 151



162, 127, 138



164, 128, 125

Triad

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



162, 127, 138



112, 139, 118



105, 126, 158

Complementary

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



162, 127, 138



127, 148, 162

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.



100, 123, 148



162, 127, 138



118, 139, 142

Square

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



162, 127, 138



130, 148, 110



106, 128, 144



119, 132, 163

Rectangle

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



162, 127, 138



161, 134, 117



106, 128, 144



103, 125, 155

Sweetspot

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



162, 127, 138



212, 199, 203



151, 127, 162



107, 100, 102



235, 235, 235



107, 107, 107

Same Dimension

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



162, 127, 138



212, 157, 174



162, 134, 127



82, 73, 76



145, 0, 46



18, 0, 6

Inverse Universe

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



162, 127, 138



212, 157, 174



127, 143, 162



82, 73, 76



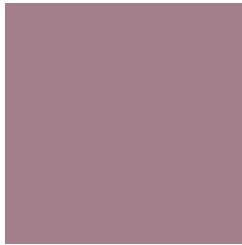
145, 0, 46



18, 0, 6

Previews

White Background



This preview shows how the RYB color 162, 127, 138 looks on a white background.

Color Contrast Check

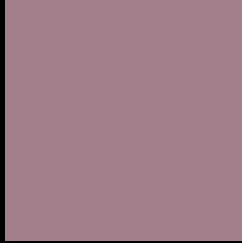
Large Text (above 18pt) WCAG AA ✓ Pass

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 162, 127, 138 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 162, 127, 138 Background



This preview shows how black text looks on a background with the RYB color 162, 127, 138.



This preview shows how white text looks on a background with the RYB color 162, 127, 138.

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
162, 127, 138

Protanopia
137, 136, 143

Deuteranopia
149, 132, 137



Tritanopia
162, 127, 137

Trichromacy



Original Color

162, 127, 138

Protanomaly

146, 133, 141

Deuteranomaly

154, 130, 137

Tritanomaly

162, 127, 137

Monochromacy



Original Color

162, 127, 138

Achromatopsia

139, 139, 139

Achromatomaly

147, 135, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 127, 138 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(162, 127, 138) looks like.

```
.text, #text, p{  
    color:rgb(162, 127, 138)  
}
```

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(162, 127, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 127, 138) }
```

Border

The CSS property to change the border of an element to RYB 162, 127, 138 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(162, 127, 138) }
```

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

```
.border{ border-color:rgb(162, 127, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 127, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 127, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 127, 138);  
box-shadow:4px 4px 4px 4px rgb(162, 127,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 162, 127, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 127, 138) }
```

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

```
.background{ background-color: rgb(162,  
127, 138) }
```

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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