

Converting Colors

`RYB(178, 167, 162)`

Have a look what the booklet for
RYB(178, 167, 162) contains.

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Color

R_YB(178, 167, 162)

Conversions

Conversions Part 1

Format	Color
Hex	B2A6A2
RGB	178, 166, 162
RGB Percent	70%, 65%, 64%
CMY	0.3020, 0.3498, 0.3647
CMYK	0.00, 0.07, 0.09, 0.30
HSL	14°, 9%, 67%
HSV	14°, 9%, 70%
XYZ	38.4833, 39.2768, 39.7353
YIQ	169.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

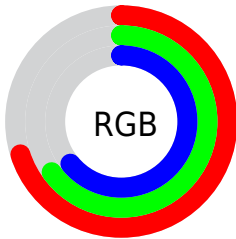
Format	Color
RYB	178, 167, 162
Decimal	11708066
CIELab	68.95, 3.73, 3.54
CIELCh	69, 5.144, 43.558
Yxy	39.2768, 0.3275, 0.3343
Android (android.graphics.Color)	4289898146 (0xFFB2A6A2)
YUV	169.1320, -3.5161, 7.7772
Hunter-Lab	62.6712, -0.0667, 6.2784

Details

The RYB color **178, 167, 162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 169, 178**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **234, 222, 217**, and **125, 115, 110** is the 20% darker color. If you saturate the color by 10%, you get **178, 154, 144**, and if you desaturate by 10%, it is **178, 179, 180**.

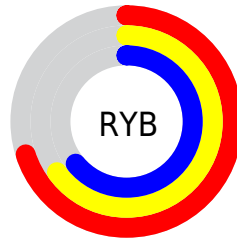
Distribution



Red (70%)

Green (65%)

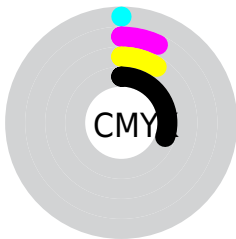
Blue (64%)



Red (70%)

Yellow (65%)

Blue (64%)

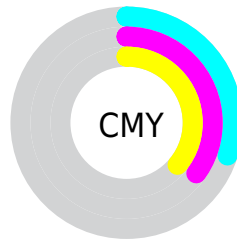


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 167, 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 178, 167, 162 by changing the saturation by 10% instead.


 178, 167, 162

255, 255, 255


 234, 222, 217

 255, 252, 245

 178, 167, 162

 151, 140, 136

 125, 115, 110

 100, 92, 86


 76, 67, 63


 53, 45, 41

 32, 25, 21

 0, 0, 0

 178, 167, 162


 178, 154, 144


 178, 167, 162


 178, 179, 180

 178, 143, 126


 178, 187, 198

 178, 130, 109

 178, 194, 215

 178, 119, 91

 178, 202, 233

 178, 106, 73

 178, 210, 251

 178, 93, 55

 178, 214, 255

 178, 82, 37

 178, 217, 255

 178, 68, 20

 178, 57, 2

Harmonies

Analogous

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



179, 165, 166



178, 167, 162



175, 175, 159

Triad

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



178, 167, 162



160, 168, 171



166, 168, 177

Complementary

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



178, 167, 162



162, 169, 178

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.



161, 166, 177



178, 167, 162



157, 164, 171

Square

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



178, 167, 162



161, 170, 166



158, 165, 174



172, 166, 175

Rectangle

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



178, 167, 162



165, 172, 159



158, 165, 174



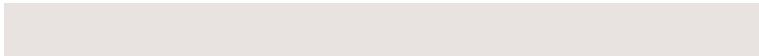
164, 167, 177

Sweetspot

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



178, 167, 162



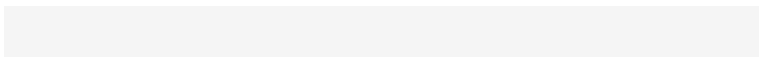
232, 228, 225



178, 162, 174



117, 114, 113



245, 245, 245



117, 117, 117

Same Dimension

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



178, 167, 162



232, 215, 207



167, 178, 162



89, 83, 80



153, 47, 0



26, 8, 0

Inverse Universe

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



162, 169, 178



207, 218, 232



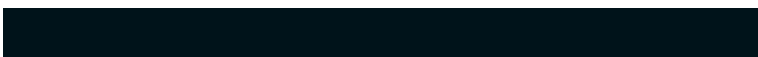
162, 165, 178



80, 84, 89



0, 66, 153



0, 11, 26

Previews

White Background



This preview shows how the RYB color 178, 167, 162 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 178, 167, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

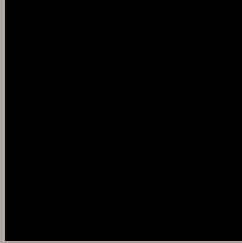
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

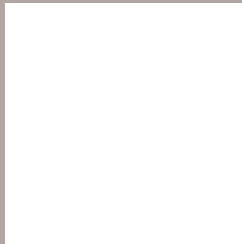
Any Text WCAG AAA ✓ Pass

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

RYB 178, 167, 162 Background



This preview shows how black text looks on a background with the RYB color 178, 167, 162.



This preview shows how white text looks on a background with the RYB color 178, 167, 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
178, 167, 162

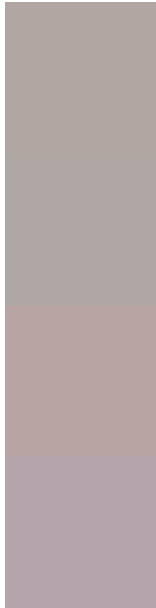
Protanopia
170, 172, 163

Deuteranopia
187, 163, 163



Tritanopia
180, 164, 176

Trichromacy



Original Color

178, 167, 162

Protanomaly

174, 169, 163

Deuteranomaly

184, 164, 163

Tritanomaly

179, 165, 171

Monochromacy



Original Color

178, 167, 162

Achromatopsia

169, 169, 169

Achromatomaly

172, 169, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 167, 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(178, 166, 162) looks like.

```
.text, #text, p{  
    color:rgb(178, 166, 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(178, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 166, 162) }
```

Border

The CSS property to change the border of an element to RYB 178, 167, 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(178, 166, 162) }
```

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

```
.border{ border-color:rgb(178, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(178, 166,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 178, 167, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 166, 162) }
```

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

```
.background{ background-color: rgb(178,  
166, 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](#).

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