

Converting Colors

`RYB(164, 162, 170)`

Have a look what the booklet for
RYB(164, 162, 170) contains.

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Color

R_YB(164, 162, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A4A2AA
RGB	164, 162, 170
RGB Percent	64%, 64%, 67%
CMY	0.3569, 0.3647, 0.3333
CMYK	0.04, 0.05, 0.00, 0.33
HSL	255°, 4%, 65%
HSV	255°, 5%, 67%
XYZ	35.4859, 36.6355, 43.2313
YIQ	163.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

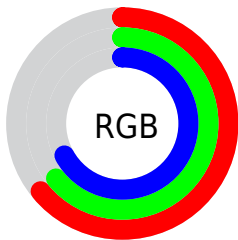
Format	Color
RYB	164, 162, 170
Decimal	10789546
CIELab	67.00, 2.26, -3.89
CIELCh	67, 4.500, 300.194
Yxy	36.6355, 0.3076, 0.3176
Android (android.graphics.Color)	4288979626 (0xFFA4A2AA)
YUV	163.5100, 3.1996, 0.4297
Hunter-Lab	60.5272, -1.2718, 0.0215

Details

The RYB color **164, 162, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 170, 164**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **219, 217, 225**, and **112, 110, 118** is the 20% darker color. If you saturate the color by 10%, you get **151, 145, 170**, and if you desaturate by 10%, it is **170, 179, 172**.

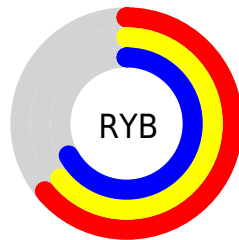
Distribution



Red (64%)

Green (64%)

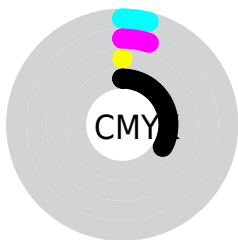
Blue (67%)



Red (64%)

Yellow (64%)

Blue (67%)

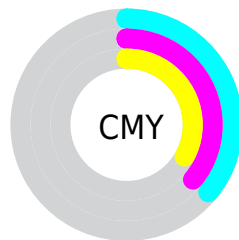


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (36%)


Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 162, 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 164, 162, 170 by changing the saturation by 10% instead.


 164, 162, 170


255, 255, 255

 219, 217, 225

 247, 245, 254

 164, 162, 170

 138, 136, 144

 112, 110, 118


 88, 86, 93

 65, 63, 70


 43, 41, 47


 22, 21, 27

 0, 0, 0

 164, 162, 170

 151, 145, 170

 164, 162, 170

 170, 179, 172

■ 139, 128, 170

■ 170, 196, 177

■ 126, 111, 170

■ 170, 213, 181

■ 113, 94, 170

■ 170, 230, 185

■ 100, 77, 170

■ 170, 247, 189

■ 88, 60, 170

■ 170, 255, 185

■ 75, 43, 170

■ 170, 255, 172

■ 62, 26, 170

■ 170, 255, 170

■ 49, 9, 170

Harmonies

Analogous

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



159, 162, 171



164, 162, 170



169, 161, 167

Triad

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



164, 162, 170



170, 164, 156



154, 161, 166

Complementary

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



164, 162, 170



162, 170, 164

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.



157, 163, 165



164, 162, 170



161, 167, 155

Square

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



164, 162, 170



172, 161, 159



156, 164, 158



153, 159, 167

Rectangle

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



164, 162, 170



171, 160, 165



156, 164, 158



155, 161, 165

Sweetspot

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



164, 162, 170



220, 220, 222



162, 165, 170



111, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



164, 162, 170



212, 209, 222



168, 162, 170



80, 78, 84



37, 0, 148



5, 0, 20

Inverse Universe

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



170, 162, 168



222, 209, 219



162, 170, 168



84, 78, 83



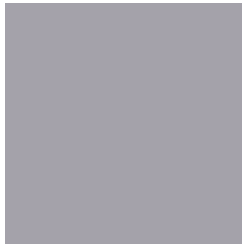
148, 0, 111



20, 0, 15

Previews

White Background



This preview shows how the RYB color 164, 162, 170 looks on a white background.

Color Contrast Check

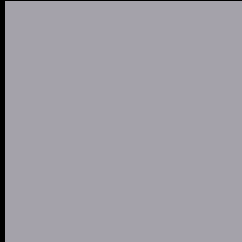
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 164, 162, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

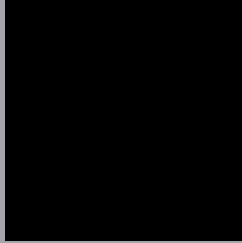
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

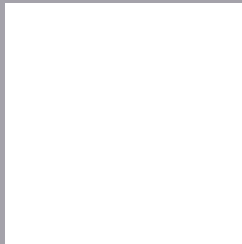
Any Text WCAG AAA ✓ Pass

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

RYP 164, 162, 170 Background



This preview shows how black text looks on a background with the RYB color 164, 162, 170.



This preview shows how white text looks on a background with the RYB color 164, 162, 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
164, 162, 170

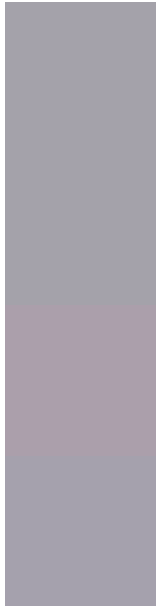
Protanopia
164, 162, 170

Deuteranopia
175, 158, 171



Tritanopia
165, 161, 174

Trichromacy



Original Color

164, 162, 170

Protanomaly

164, 162, 170

Deuteranomaly

171, 159, 171

Tritanomaly

165, 161, 173

Monochromacy



Original Color

164, 162, 170

Achromatopsia

164, 164, 164

Achromatomaly

164, 163, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 162, 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(164, 162, 170) looks like.

```
.text, #text, p{  
    color:rgb(164, 162, 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(164, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 162, 170) }
```

Border

The CSS property to change the border of an element to RYB 164, 162, 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(164, 162, 170) }
```

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

```
.border{ border-color:rgb(164, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 162,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 164, 162, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 162, 170) }
```

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

```
.background{ background-color: rgb(164,  
162, 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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