

Converting Colors

`RYB(170, 162, 172)`

Have a look what the booklet for RYB(170, 162, 172) contains.

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Color

R_YB(170, 162, 172)

Conversions

Conversions Part 1

Format	Color
Hex	AAA2AC
RGB	170, 162, 172
RGB Percent	67%, 64%, 67%
CMY	0.3333, 0.3647, 0.3255
CMYK	0.01, 0.06, 0.00, 0.33
HSL	288°, 6%, 65%
HSV	288°, 6%, 67%
XYZ	36.9443, 37.3653, 44.2948
YIQ	165.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

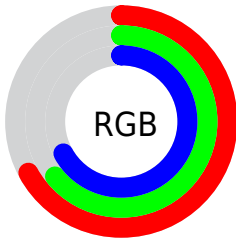
Format	Color
RYB	170, 162, 172
Decimal	11182764
CIELab	67.55, 4.77, -4.14
CIELCh	68, 6.316, 319.034
Yxy	37.3653, 0.3115, 0.3150
Android (android.graphics.Color)	4289372844 (0xFFAAA2AC)
YUV	165.5320, 3.1887, 3.9184
Hunter-Lab	61.1271, 0.9101, -0.1745

Details

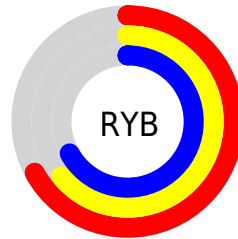
The RYB color **170, 162, 172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 172, 170**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **225, 217, 227**, and **118, 110, 120** is the 20% darker color. If you saturate the color by 10%, you get **167, 145, 172**, and if you desaturate by 10%, it is **172, 179, 178**.

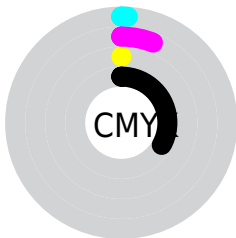
Distribution



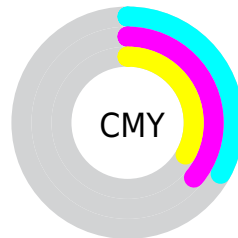
- Red (67%)
- Green (64%)
- Blue (67%)



- Red (67%)
- Yellow (64%)
- Blue (67%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)




- Cyan (33%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 162, 172 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 170, 162, 172 by changing the saturation by 10% instead.


 170, 162, 172


255, 255, 255

 225, 217, 227

 254, 245, 255

 170, 162, 172

 144, 136, 145

 118, 110, 120

 93, 86, 95


 70, 63, 71


 47, 41, 49


 27, 21, 28

 0, 0, 0

 170, 162, 172

 167, 145, 172

 170, 162, 172

 172, 179, 178

163, 128, 172

172, 196, 191

160, 110, 172

172, 214, 206

156, 93, 172

172, 231, 219

153, 76, 172

172, 248, 233

149, 59, 172

172, 255, 236

146, 42, 172

172, 255, 233

142, 24, 172

172, 255, 229

139, 7, 172

172, 255, 226

Harmonies

Analogous

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



163, 164, 175



170, 162, 172



175, 161, 167

Triad

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



170, 162, 172



170, 172, 153



151, 160, 168

Complementary

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



170, 162, 172



162, 172, 170

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.



153, 162, 168



170, 162, 172



154, 165, 154

Square

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



170, 162, 172



176, 165, 156



157, 167, 165



152, 161, 173

Rectangle

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



170, 162, 172



177, 161, 163



157, 167, 165



151, 160, 168

Sweetspot

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



170, 162, 172



224, 220, 224



162, 164, 172



112, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



170, 162, 172



221, 209, 224



172, 162, 169



85, 80, 87



120, 0, 150



18, 0, 23

Inverse Universe

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



172, 162, 164



224, 209, 212



162, 170, 172



87, 80, 81



150, 0, 30



23, 0, 5

Previews

White Background



This preview shows how the RYB color 170, 162, 172 looks on a white background.

Color Contrast Check

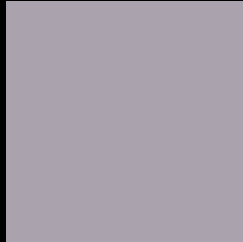
Large Text (above 18pt) WCAG AA × Fail

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 170, 162, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

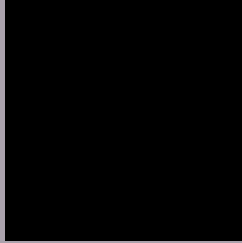
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

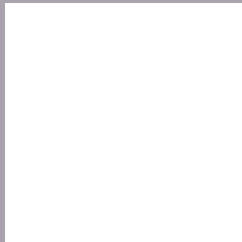
Any Text WCAG AAA ✓ Pass

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

RYB 170, 162, 172 Background



This preview shows how black text looks on a background with the RYB color 170, 162, 172.



This preview shows how white text looks on a background with the RYB color 170, 162, 172.

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
170, 162, 172

Protanopia
165, 164, 173

Deuteranopia
177, 160, 172



Tritanopia
170, 162, 174

Trichromacy



Original Color

170, 162, 172

Protanomaly

167, 163, 173

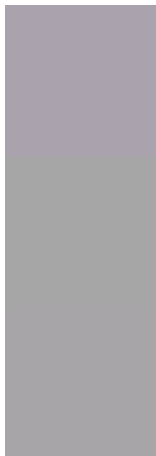
Deuteranomaly

174, 161, 172

Tritanomaly

170, 162, 173

Monochromacy



Original Color

170, 162, 172

Achromatopsia

166, 166, 166

Achromatomaly

167, 165, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 162, 172 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(170, 162, 172) looks like.

```
.text, #text, p{  
    color:rgb(170, 162, 172)  
}
```

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(170, 162, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 162, 172) }
```

Border

The CSS property to change the border of an element to RYB 170, 162, 172 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(170, 162, 172) }
```

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

```
.border{ border-color:rgb(170, 162, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 162, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 162, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 162, 172);  
box-shadow:4px 4px 4px 4px rgb(170, 162,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 170, 162, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 162, 172) }
```

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

```
.background{ background-color: rgb(170,  
162, 172) }
```

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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