

Converting Colors

`RYB(162, 172, 165)`

Have a look what the booklet for RYB(162, 172, 165) contains.

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Color

RYB(162, 172, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A9ACA2
RGB	169, 172, 162
RGB Percent	66%, 67%, 64%
CMY	0.3373, 0.3255, 0.3647
CMYK	0.02, 0.00, 0.06, 0.33
HSL	78°, 6%, 65%
HSV	78°, 6%, 67%
XYZ	37.6363, 40.5487, 40.0255
YIQ	169.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

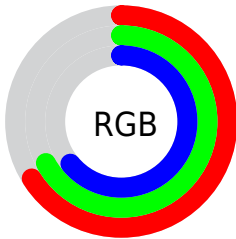
Format	Color
RYB	162, 172, 165
Decimal	11119778
CIELab	69.86, -2.92, 4.76
CIElCh	70, 5.584, 121.486
Yxy	40.5487, 0.3184, 0.3430
Android (android.graphics.Color)	4289309858 (0xFFA9ACA2)
YUV	169.9630, -3.9258, -0.8446
Hunter-Lab	63.6779, -5.9352, 7.3071

Details

The RYB color **162, 172, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 162, 172**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **217, 227, 220**, and **110, 120, 113** is the 20% darker color. If you saturate the color by 10%, you get **145, 172, 153**, and if you desaturate by 10%, it is **174, 172, 179**.

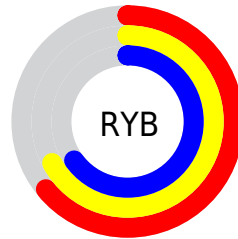
Distribution



Red (66%)

Green (67%)

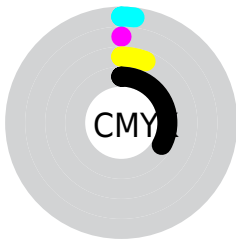
Blue (64%)



Red (64%)

Yellow (67%)

Blue (65%)

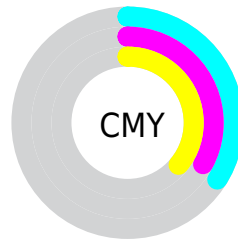


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (34%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 172, 165 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, 172, 165 by changing the saturation by 10% instead.


 162, 172, 165


255, 255, 255

 217, 227, 220

 245, 255, 247


 162, 172, 165


 136, 145, 138

 110, 120, 113

 86, 95, 89

 63, 71, 65


 41, 49, 43


 21, 28, 23

 0, 0, 0

 162, 172, 165

 145, 172, 153

 162, 172, 165

 174, 172, 179

■ 128, 172, 141

■ 179, 172, 196

■ 110, 172, 128

■ 184, 172, 214

■ 93, 172, 117

■ 190, 172, 231

■ 76, 172, 105

■ 195, 172, 248

■ 59, 172, 93

■ 200, 172, 255

■ 42, 172, 81

■ 205, 172, 255

■ 24, 172, 68

■ 210, 172, 255

■ 7, 172, 56

■ 215, 172, 255

Harmonies

Analogous

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



169, 175, 161



162, 172, 165



163, 171, 173

Triad

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



162, 172, 165



161, 168, 179



181, 167, 171

Complementary

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



162, 172, 165



165, 162, 172

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.



178, 168, 176



162, 172, 165



166, 170, 181

Square

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



162, 172, 165



159, 167, 176



172, 169, 179



182, 168, 166

Rectangle

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



162, 172, 165



161, 169, 174



172, 169, 179



180, 167, 172

Sweetspot

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



162, 172, 165



220, 224, 221



172, 166, 162



110, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

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



162, 172, 165



209, 224, 213



162, 172, 170



80, 87, 82



0, 150, 45



0, 23, 7

Inverse Universe

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



165, 162, 172



213, 209, 224



170, 162, 172



82, 80, 87



45, 0, 150



7, 0, 23

Previews

White Background



This preview shows how the RYB color 162, 172, 165 looks on a white background.

Color Contrast Check

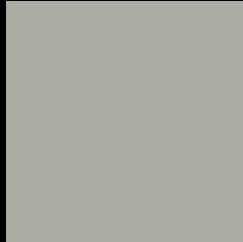
Large Text (above 18pt) WCAG AA × Fail

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 162, 172, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

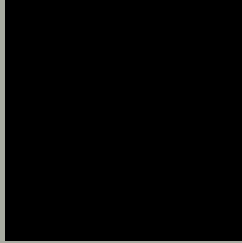
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

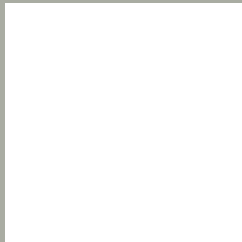
Any Text WCAG AAA ✓ Pass

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

RYB 162, 172, 165 Background



This preview shows how black text looks on a background with the RYB color 162, 172, 165.



This preview shows how white text looks on a background with the RYB color 162, 172, 165.

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, 172, 165

Protanopia
171, 176, 161

Deuteranopia
190, 165, 163



Tritanopia
172, 169, 182

Trichromacy



Original Color

162, 172, 165

Protanomaly

163, 173, 161

Deuteranomaly

182, 170, 163

Tritanomaly

171, 170, 175

Monochromacy



Original Color

162, 172, 165

Achromatopsia

170, 170, 170

Achromatomaly

167, 171, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 172, 165 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(169, 172, 162) looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 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(169, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 172, 165 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(169, 172, 162) }
```

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

```
.border{ border-color:rgb(169, 172, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 172, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(169, 172,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 172, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 162) }
```

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

```
.background{ background-color: rgb(169,  
172, 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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