

Converting Colors

`RYB(162, 170, 173)`

Have a look what the booklet for RYB(162, 170, 173) contains.

RYB(162, 170, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(162, 170, 173)

Conversions

Conversions Part 1

Format	Color
Hex	A2ADA6
RGB	162, 173, 166
RGB Percent	64%, 68%, 65%
CMY	0.3647, 0.3216, 0.3485
CMYK	0.06, 0.00, 0.04, 0.32
HSL	143°, 6%, 66%
HSV	143°, 6%, 68%
XYZ	36.7383, 40.3263, 41.9840
YIQ	168.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

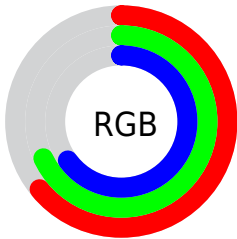
Format	Color
RYB	162, 170, 173
Decimal	10661286
CIELab	69.70, -5.18, 2.19
CIELCh	70, 5.627, 157.082
Yxy	40.3263, 0.3086, 0.3387
Android (android.graphics.Color)	4288851366 (0xFFA2ADA6)
YUV	168.9130, -1.4361, -6.0627
Hunter-Lab	63.5030, -7.8629, 5.2535

Details

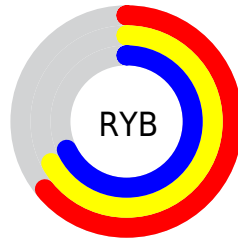
The RYB color **162, 170, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 162, 169**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **217, 225, 228**, and **110, 118, 121** is the 20% darker color. If you saturate the color by 10%, you get **145, 166, 173**, and if you desaturate by 10%, it is **179, 173, 177**.

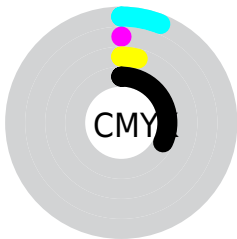
Distribution



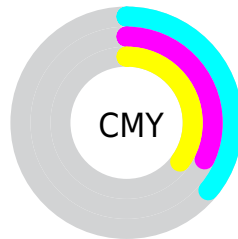
- Red (64%)
- Green (68%)
- Blue (65%)



- Red (64%)
- Yellow (67%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 170, 173 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, 170, 173 by changing the saturation by 10% instead.


 162, 170, 173


255, 255, 255

 217, 225, 228


 245, 252, 255


 162, 170, 173


 136, 143, 146

 110, 118, 121

 86, 93, 96

 63, 70, 72


 41, 48, 50

 20, 26, 29


 0, 0, 0

 162, 170, 173


 145, 166, 173


 162, 170, 173


 179, 173, 177


 127, 160, 173


 197, 173, 188

 110, 156, 173


 214, 173, 199

 93, 151, 173


 231, 173, 209

 75, 146, 173


 249, 173, 220

 58, 142, 173

 255, 173, 231

 41, 137, 173

 255, 173, 242

 24, 132, 173

 255, 173, 253

 6, 127, 173

 255, 173, 255

Harmonies

Analogous

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



162, 172, 167



162, 170, 173



159, 167, 173

Triad

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



162, 170, 173



167, 169, 180



181, 168, 164

Complementary

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



162, 170, 173



173, 162, 169

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.



181, 167, 169



162, 170, 173



173, 169, 178

Square

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



162, 170, 173



161, 168, 179



178, 167, 174



178, 176, 161

Rectangle

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



162, 170, 173



158, 166, 175



178, 167, 174



182, 167, 166

Sweetspot

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



162, 170, 173



220, 223, 224



162, 173, 166



110, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



162, 170, 173



206, 219, 224



162, 168, 173



78, 85, 87



0, 109, 150



0, 17, 23

Inverse Universe

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



173, 162, 169



224, 206, 218



173, 162, 163



87, 78, 83



150, 0, 94



23, 0, 14

Previews

White Background



This preview shows how the RYB color 162, 170, 173 looks on a white background.

Color Contrast Check

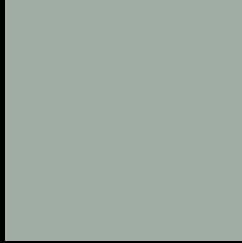
Large Text (above 18pt) WCAG AA × Fail

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, 170, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

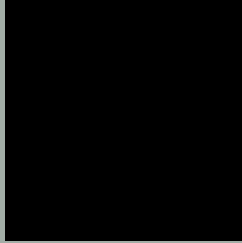
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

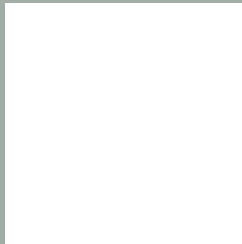
Any Text WCAG AAA ✓ Pass

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

R Y B 162, 170, 173 Background



This preview shows how black text looks on a background with the R Y B color 162, 170, 173.



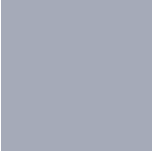
This preview shows how white text looks on a background with the R Y B color 162, 170, 173.

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](#).

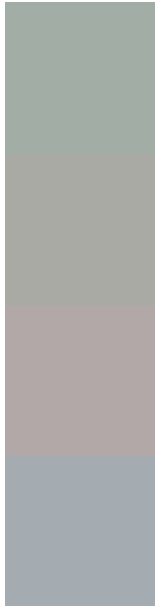
Dichromacy





Tritanopia
165, 169, 184

Trichromacy



Original Color

162, 170, 173

Protanomaly

165, 170, 165

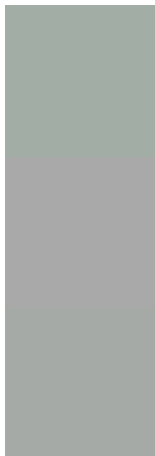
Deuteranomaly

178, 168, 167

Tritanomaly

164, 169, 178

Monochromacy



Original Color

162, 170, 173

Achromatopsia

169, 169, 169

Achromatomaly

166, 169, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 170, 173 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, 173, 166) looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 166)  
}
```

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, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 166) }
```

Border

The CSS property to change the border of an element to RYB 162, 170, 173 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, 173, 166) }
```

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

```
.border{ border-color:rgb(162, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 162, 170, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 166) }
```

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

```
.background{ background-color: rgb(162,  
173, 166) }
```

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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