

Converting Colors

`RYB(150, 162, 165)`

Have a look what the booklet for RYB(150, 162, 165) contains.

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Color

RYB(150, 162, 165)

Conversions

Conversions Part 1

Format	Color
Hex	96A59A
RGB	150, 165, 154
RGB Percent	59%, 65%, 60%
CMY	0.4118, 0.3529, 0.3971
CMYK	0.09, 0.00, 0.07, 0.35
HSL	135°, 8%, 62%
HSV	135°, 9%, 65%
XYZ	31.8447, 35.7191, 35.6789
YIQ	159.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

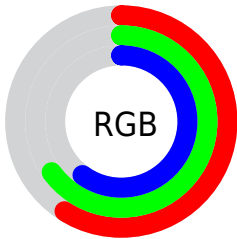
Format	Color
RYB	150, 162, 165
Decimal	9872794
CIELab	66.30, -7.49, 4.02
CIELCh	66, 8.501, 151.771
Yxy	35.7191, 0.3084, 0.3460
Android (android.graphics.Color)	4288062874 (0xFF96A59A)
YUV	159.2610, -2.5937, -8.1219
Hunter-Lab	59.7654, -9.4796, 6.4408

Details

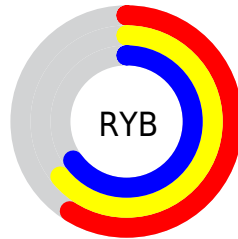
The RYB color **150, 162, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 150, 161**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **204, 217, 220**, and **99, 110, 113** is the 20% darker color. If you saturate the color by 10%, you get **133, 159, 165**, and if you desaturate by 10%, it is **166, 165, 166**.

Distribution



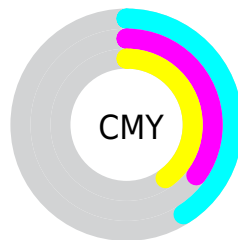
- Red (59%)
- Green (65%)
- Blue (60%)



- Red (59%)
- Yellow (64%)
- Blue (65%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)




- Cyan (41%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 162, 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 150, 162, 165 by changing the saturation by 10% instead.


 150, 162, 165


255, 255, 255

 204, 217, 220

 232, 246, 249


 150, 162, 165

 124, 136, 139

 99, 110, 113

 75, 86, 89


 52, 62, 65


 31, 40, 43

 8, 19, 23


 0, 0, 0

 150, 162, 165


 133, 159, 165

 150, 162, 165


 166, 165, 166

 117, 155, 165


 183, 165, 179

 101, 152, 165


 199, 165, 191

 84, 149, 165


 216, 165, 203

 67, 145, 165


 233, 165, 216

 51, 143, 165

 249, 165, 228


 35, 139, 165

 255, 165, 240

 18, 135, 165

 255, 165, 253

 1, 132, 165

 255, 165, 255

Harmonies

Analogous

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



148, 163, 153



150, 162, 165



144, 156, 166

Triad

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



150, 162, 165



154, 160, 176



178, 158, 153

Complementary

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



150, 162, 165



165, 150, 161

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.



177, 156, 161



150, 162, 165



163, 159, 174

Square

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



150, 162, 165



146, 157, 174



172, 157, 169



174, 164, 148

Rectangle

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



150, 162, 165



142, 154, 167



172, 157, 169



178, 156, 156

Sweetspot

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



150, 162, 165



208, 213, 214



150, 165, 154



103, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



150, 162, 165



191, 209, 214



150, 159, 165



73, 80, 82



0, 116, 145



0, 15, 18

Inverse Universe

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



165, 150, 161



214, 191, 208



165, 150, 154



82, 73, 80



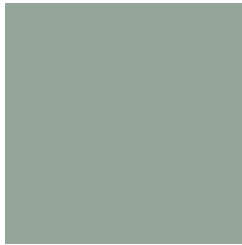
145, 0, 109



18, 0, 13

Previews

White Background



This preview shows how the RYB color 150, 162, 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 150, 162, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

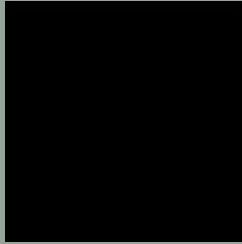
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

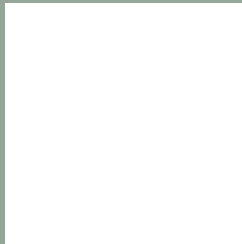
Any Text WCAG AAA ✓ Pass

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

RYB 150, 162, 165 Background



This preview shows how black text looks on a background with the RYB color 150, 162, 165.



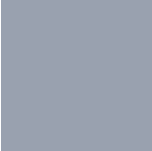
This preview shows how white text looks on a background with the RYB color 150, 162, 165.

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](#).

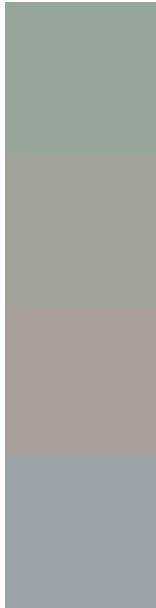
Dichromacy





Tritanopia
153, 159, 175

Trichromacy



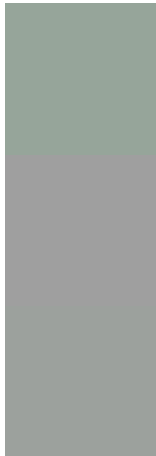
Original Color
150, 162, 165

Protanomaly
152, 162, 154

Deuteranomaly
168, 161, 155

Tritanomaly
152, 158, 167

Monochromacy



Original Color
150, 162, 165

Achromatopsia
159, 159, 159

Achromatomaly
156, 160, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 162, 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(150, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 165, 154)  
}
```

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(150, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 165, 154) }
```

Border

The CSS property to change the border of an element to RYB 150, 162, 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(150, 165, 154) }
```

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

```
.border{ border-color:rgb(150, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 165, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 165, 154); box-shadow:4px 4px 4px 4px rgb(150, 165, 154) }
```

Background

The CSS property to change the background color of an element to RYB 150, 162, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 165, 154) }
```

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

```
.background{ background-color: rgb(150,  
165, 154) }
```

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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