

Converting Colors

`RYB(110, 152, 112)`

Have a look what the booklet for
RYB(110, 152, 112) contains.

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Color

R_YB(110, 152, 112)

Conversions

Conversions Part 1

Format	Color
Hex	96986E
RGB	150, 152, 110
RGB Percent	59%, 60%, 43%
CMY	0.4118, 0.4039, 0.5686
CMYK	0.01, 0.00, 0.28, 0.40
HSL	63°, 17%, 51%
HSV	63°, 28%, 60%
XYZ	26.6204, 30.0663, 19.1522
YIQ	146.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

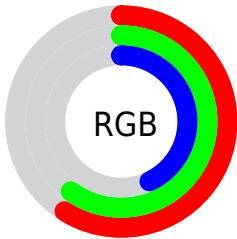
Format	Color
RYB	110, 152, 112
Decimal	9869422
CIELab	61.71, -7.83, 21.93
CIELCh	62, 23.280, 109.645
Yxy	30.0663, 0.3510, 0.3964
Android (android.graphics.Color)	4288059502 (0xFF96986E)
YUV	146.6140, -18.0507, 2.9695
Hunter-Lab	54.8327, -9.2985, 17.6739

Details

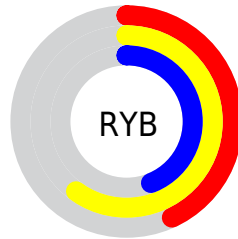
The RYB color **110, 152, 112** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **112, 110, 152**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **162, 206, 163**, and **62, 101, 64** is the 20% darker color. If you saturate the color by 10%, you get **95, 152, 98**, and if you desaturate by 10%, it is **125, 152, 126**.

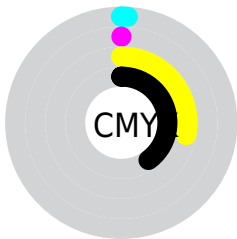
Distribution



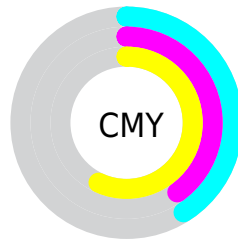
- Red (59%)
- Green (60%)
- Blue (43%)



- Red (43%)
- Yellow (60%)
- Blue (44%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)




- Cyan (41%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 152, 112 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 110, 152, 112 by changing the saturation by 10% instead.

 110, 152, 112


255, 255, 255

 162, 206, 163


 189, 234, 190

 217, 255, 217


 245, 255, 245

 110, 152, 112

 95, 152, 98

 110, 152, 112


 85, 126, 87

 62, 101, 64


 39, 77, 42


 18, 55, 22

 0, 33, 3

 0, 12, 12

 0, 0, 0

 110, 152, 112

 125, 152, 126

■ 80, 152, 83

■ 140, 152, 141

■ 64, 152, 68

■ 152, 152, 156

■ 49, 152, 54

■ 153, 152, 171

■ 34, 152, 40

■ 154, 152, 186

■ 19, 152, 25

■ 154, 152, 201

■ 4, 152, 11

■ 155, 152, 216

■ 0, 152, 7

■ 156, 152, 232

■ 157, 152, 247

Harmonies

Analogous

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



154, 171, 109



110, 152, 112



122, 157, 153

Triad

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



110, 152, 112



92, 130, 180



186, 135, 157

Complementary

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



110, 152, 112



112, 110, 152

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.



169, 139, 176



110, 152, 112



114, 140, 189

Square

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



110, 152, 112



89, 125, 162



143, 146, 188



191, 135, 136

Rectangle

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



110, 152, 112



111, 143, 159



143, 146, 188



181, 136, 164

Sweetspot

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



110, 152, 112



181, 196, 181



152, 111, 110



90, 99, 90



227, 227, 227



99, 99, 99

Same Dimension

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



110, 152, 112



132, 196, 135



110, 152, 132



69, 77, 70



0, 140, 6



0, 13, 1

Inverse Universe

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



112, 110, 152



135, 132, 196



132, 110, 152



69, 69, 77



7, 0, 140



1, 0, 13

Previews

White Background



This preview shows how the RYB color 110, 152, 112 looks on a white background.

Color Contrast Check

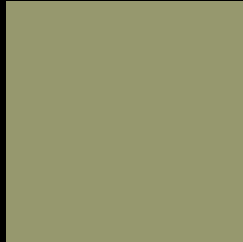
Large Text (above 18pt) WCAG AA × Fail

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 110, 152, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

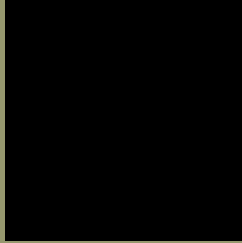
Any Text WCAG AA ✓ Pass

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 110, 152, 112 Background



This preview shows how black text looks on a background with the RYB color 110, 152, 112.



This preview shows how white text looks on a background with the RYB color 110, 152, 112.

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
110, 152, 112

Protanopia
123, 160, 109

Deuteranopia
176, 172, 112



Tritanopia
156, 146, 157

Trichromacy



Original Color

110, 152, 112

Protanomaly

116, 156, 109

Deuteranomaly

145, 167, 111

Tritanomaly

151, 154, 140

Monochromacy



Original Color

110, 152, 112

Achromatopsia

147, 147, 147

Achromatomaly

134, 149, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 152, 112 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, 152, 110) looks like.

```
.text, #text, p{  
    color:rgb(150, 152, 110)  
}
```

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, 152, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 152, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 152, 112 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, 152, 110) }
```

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

```
.border{ border-color:rgb(150, 152, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 152, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 152, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 152, 110);  
box-shadow:4px 4px 4px 4px rgb(150, 152,  
110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 152, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 152, 110) }
```

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

```
.background{ background-color: rgb(150,  
152, 110) }
```

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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