

Converting Colors

`RYB(113, 152, 109)`

Have a look what the booklet for
RYB(113, 152, 109) contains.

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Color

R_YB(113, 152, 109)

Conversions

Conversions Part 1

Format	Color
Hex	98946D
RGB	152, 148, 109
RGB Percent	60%, 58%, 43%
CMY	0.4039, 0.4183, 0.5725
CMYK	0.00, 0.02, 0.28, 0.40
HSL	55°, 17%, 51%
HSV	55°, 28%, 60%
XYZ	26.3526, 29.0663, 18.6894
YIQ	144.7500, 14.9030, -11.2810

Conversions

Conversions Part 2

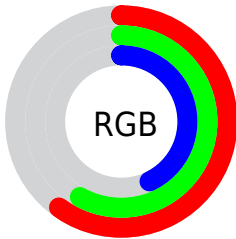
Format	Color
RYB	113, 152, 109
Decimal	9999469
CIELab	60.84, -5.17, 21.33
CIElCh	61, 21.951, 103.627
Yxy	29.0663, 0.3556, 0.3922
Android (android.graphics.Color)	4288189549 (0xFF98946D)
YUV	144.7500, -17.6247, 6.3583
Hunter-Lab	53.9132, -7.0978, 17.1859

Details

The RYB color **113, 152, 109** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **109, 113, 152**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **167, 207, 161**, and **64, 100, 61** is the 20% darker color. If you saturate the color by 10%, you get **99, 152, 94**, and if you desaturate by 10%, it is **126, 152, 124**.

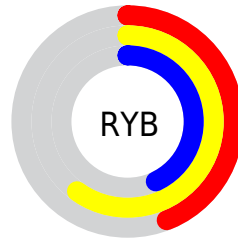
Distribution



Red (60%)

Green (58%)

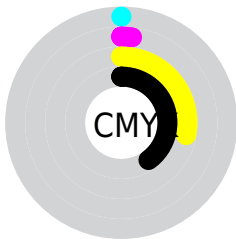
Blue (43%)



Red (44%)

Yellow (60%)

Blue (43%)

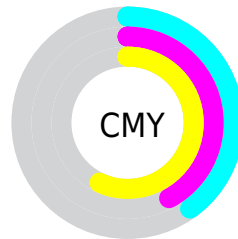


Cyan (0%)

Magenta (2%)

Yellow (28%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 152, 109 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 113, 152, 109 by changing the saturation by 10% instead.

 113, 152, 109

255, 255, 255

 167, 207, 161


 194, 235, 188


 216, 255, 216


 244, 255, 244


 113, 152, 109

 99, 152, 94

 113, 152, 109

 87, 126, 84

 63, 100, 61


 41, 76, 39

 18, 53, 17

 2, 32, 0

 0, 6, 6

 0, 0, 0

 113, 152, 109

 126, 152, 124

86, 152, 79

140, 152, 139

72, 152, 63

152, 152, 155

58, 152, 48

152, 154, 170

44, 152, 33

152, 155, 185

30, 152, 18

152, 156, 200

17, 152, 3

152, 157, 215

14, 152, 0

152, 158, 231

152, 159, 246

Harmonies

Analogous

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



165, 171, 110



113, 152, 109



118, 154, 142

Triad

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



113, 152, 109



92, 128, 173



179, 134, 158

Complementary

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



113, 152, 109



109, 113, 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.



161, 139, 175



113, 152, 109



109, 136, 183

Square

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



113, 152, 109



93, 126, 158



135, 144, 184



186, 133, 138

Rectangle

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



113, 152, 109



115, 146, 156



135, 144, 184



174, 135, 164

Sweetspot

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



113, 152, 109



182, 196, 181



152, 109, 113



90, 99, 90



227, 227, 227



99, 99, 99

Same Dimension

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



113, 152, 109



135, 196, 130



109, 152, 126



70, 77, 69



13, 140, 0



1, 13, 0

Inverse Universe

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



109, 113, 152



130, 135, 196



126, 109, 152



69, 70, 77



0, 11, 140



0, 1, 13

Previews

White Background



This preview shows how the RYB color 113, 152, 109 looks on a white background.

Color Contrast Check

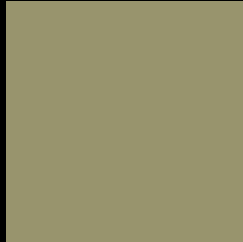
Large Text (above 18pt) WCAG AA ✓ Pass

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 113, 152, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

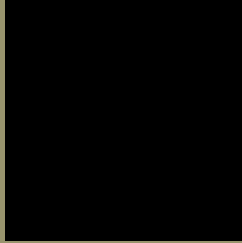
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 113, 152, 109 Background



This preview shows how black text looks on a background with the RYB color 113, 152, 109.



This preview shows how white text looks on a background with the RYB color 113, 152, 109.

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
113, 152, 109

Protanopia
121, 157, 108

Deuteranopia
173, 169, 111



Tritanopia
158, 142, 154

Trichromacy



Original Color

113, 152, 109

Protanomaly

118, 155, 108

Deuteranomaly

144, 165, 110

Tritanomaly

156, 147, 138

Monochromacy



Original Color

113, 152, 109

Achromatopsia

145, 145, 145

Achromatomaly

134, 148, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 152, 109 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(152, 148, 109) looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 109)  
}
```

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(152, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 109) }
```

Border

The CSS property to change the border of an element to RYB 113, 152, 109 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(152, 148, 109) }
```

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

```
.border{ border-color:rgb(152, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 109);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 113, 152, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 109) }
```

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

```
.background{ background-color: rgb(152,  
148, 109) }
```

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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