

Converting Colors

`RYB(102, 144, 104)`

Have a look what the booklet for
RYB(102, 144, 104) contains.

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Color

R_YB(102, 144, 104)

Conversions

Conversions Part 1

Format	Color
Hex	8E9066
RGB	142, 144, 102
RGB Percent	56%, 56%, 40%
CMY	0.4431, 0.4353, 0.6000
CMYK	0.01, 0.00, 0.29, 0.44
HSL	63°, 17%, 48%
HSV	63°, 29%, 56%
XYZ	23.5269, 26.6566, 16.4756
YIQ	138.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

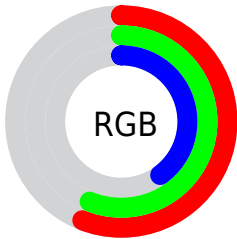
Format	Color
RYB	102, 144, 104
Decimal	9343078
CIELab	58.66, -7.85, 22.14
CIELCh	59, 23.491, 109.523
Yxy	26.6566, 0.3529, 0.3999
Android (android.graphics.Color)	4287533158 (0xFF8E9066)
YUV	138.6140, -18.0507, 2.9695
Hunter-Lab	51.6300, -9.0134, 17.2211

Details

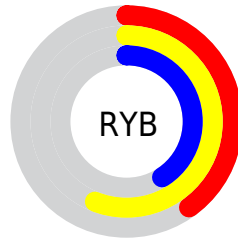
The RYB color **102, 144, 104** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **104, 102, 144**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **153, 198, 155**, and **55, 94, 58** is the 20% darker color. If you saturate the color by 10%, you get **88, 144, 91**, and if you desaturate by 10%, it is **116, 144, 117**.

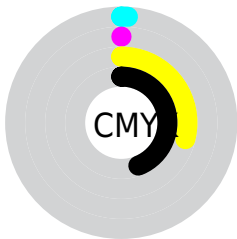
Distribution



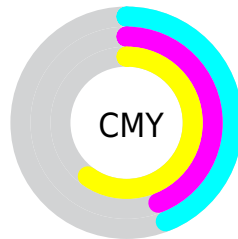
- Red (56%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (41%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 102, 144, 104 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 102, 144, 104 by changing the saturation by 10% instead.

 102, 144, 104


255, 255, 255

 153, 198, 155

 180, 226, 182


 208, 254, 209

 236, 255, 236

 102, 144, 104

 88, 144, 91

 73, 144, 76

 102, 144, 104

 78, 118, 80

 55, 94, 58


 32, 70, 35


 10, 48, 14

 0, 27, 4

 0, 0, 0

 102, 144, 104

 116, 144, 117

 131, 144, 132

■ 59, 144, 63

■ 144, 144, 145

■ 44, 144, 49

■ 145, 144, 160

■ 30, 144, 35

■ 145, 144, 174

■ 16, 144, 22

■ 146, 144, 188

■ 1, 144, 8

■ 147, 144, 203

■ 0, 144, 7

■ 147, 144, 217

■ 148, 144, 232

Harmonies

Analogous

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



146, 163, 101



102, 144, 104



114, 149, 144

Triad

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



102, 144, 104



83, 121, 172



177, 127, 149

Complementary

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



102, 144, 104



104, 102, 144

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.



160, 131, 168



102, 144, 104



105, 131, 181

Square

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



102, 144, 104



80, 116, 154



134, 138, 180



183, 126, 128

Rectangle

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



102, 144, 104



103, 135, 151



134, 138, 180



173, 128, 156

Sweetspot

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



102, 144, 104



169, 186, 170



144, 103, 102



84, 94, 84



222, 222, 222



94, 94, 94

Same Dimension

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



102, 144, 104



121, 186, 124



102, 144, 124



64, 71, 64



0, 135, 6



0, 8, 1

Inverse Universe

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



104, 102, 144



124, 121, 186



124, 102, 144



65, 64, 71



6, 0, 135



0, 0, 8

Previews

White Background



This preview shows how the RYB color 102, 144, 104 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 102, 144, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

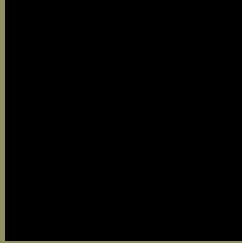
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

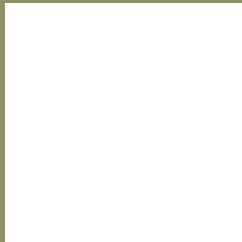
Any Text WCAG AAA × Fail

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

R Y B 102, 144, 104 Background



This preview shows how black text looks on a background with the R Y B color 102, 144, 104.



This preview shows how white text looks on a background with the R Y B color 102, 144, 104.

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

102, 144, 104

Protanopia

115, 152, 101

Deuteranopia

167, 165, 104



Tritanopia

148, 138, 149

Trichromacy



Original Color

102, 144, 104

Protanomaly

108, 148, 101

Deuteranomaly

134, 158, 103

Tritanomaly

143, 146, 132

Monochromacy



Original Color

102, 144, 104

Achromatopsia

139, 139, 139

Achromatomaly

126, 141, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 102, 144, 104 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(142, 144, 102)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 102)  
}
```

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(142, 144, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 102) }
```

Border

The CSS property to change the border of an element to RYB 102, 144, 104 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(142, 144, 102) }
```

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

```
.border{ border-color:rgb(142, 144, 102) }
```

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

Here you see how a box with a 4 pixel rgb(142, 144, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 102);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 102, 144, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 144, 102) }
```

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

```
.background{ background-color: rgb(142,  
144, 102) }
```

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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