

Converting Colors

`RYB(126, 143, 113)`

Have a look what the booklet for
RYB(126, 143, 113) contains.

RYB(126, 143, 113)	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

R_YB(126, 143, 113)

Conversions

Conversions Part 1

Format	Color
Hex	8F8671
RGB	143, 134, 113
RGB Percent	56%, 53%, 44%
CMY	0.4392, 0.4748, 0.5569
CMYK	0.00, 0.06, 0.21, 0.44
HSL	42°, 12%, 50%
HSV	42°, 21%, 56%
XYZ	22.8238, 24.0628, 19.0644
YIQ	134.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

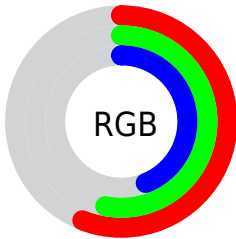
Format	Color
R_{YB}	126, 143, 113
Decimal	9406065
CIE _{Lab}	56.15, -0.21, 12.51
CIE _{LCh}	56, 12.511, 90.980
Yxy	24.0628, 0.3461, 0.3649
Android (android.graphics.Color)	4287596145 (0xFF8F8671)
YUV	134.2970, -10.4994, 7.6325
Hunter-Lab	49.0539, -2.7917, 11.2951

Details

The RYB color **126, 143, 113** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **113, 120, 143**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **180, 197, 165**, and **74, 92, 65** is the 20% darker color. If you saturate the color by 10%, you get **117, 143, 99**, and if you desaturate by 10%, it is **134, 143, 127**.

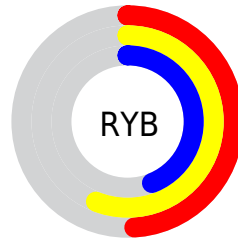
Distribution



Red (56%)

Green (53%)

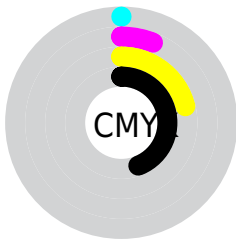
Blue (44%)



Red (49%)

Yellow (56%)

Blue (44%)

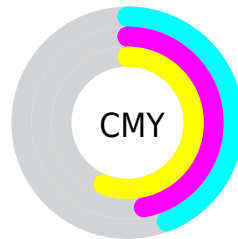


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the RYB color 126, 143, 113 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 126, 143, 113 by changing the saturation by 10% instead.

 126, 143, 113

255, 255, 255

 180, 197, 165

 206, 225, 192


 236, 254, 220

 248, 255, 248

 126, 143, 113

 117, 143, 99

 110, 143, 84

 126, 143, 113

 99, 117, 88

 76, 92, 65


 55, 69, 43


 30, 46, 22

 10, 26, 0

 0, 0, 0

 126, 143, 113

 134, 143, 127

 142, 143, 142

■ 101, 143, 70

■ 143, 146, 156

■ 93, 143, 56

■ 143, 149, 170

■ 86, 143, 41

■ 143, 153, 185

■ 77, 143, 27

■ 143, 156, 199

■ 69, 143, 13

■ 143, 159, 213

■ 61, 143, 0

■ 143, 163, 227

■ 143, 166, 242

Harmonies

Analogous

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



153, 139, 116



126, 143, 113



116, 137, 122

Triad

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



126, 143, 113



106, 124, 145



149, 129, 145

Complementary

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



126, 143, 113



113, 120, 143

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.



137, 132, 153



126, 143, 113



111, 128, 153

Square

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



126, 143, 113



109, 127, 141



123, 132, 156



156, 127, 135

Rectangle

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



126, 143, 113



121, 139, 137



123, 132, 156



146, 130, 148

Sweetspot

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



126, 143, 113



179, 186, 175



143, 113, 122



91, 94, 88



222, 222, 222



94, 94, 94

Same Dimension

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



126, 143, 113



160, 186, 140



113, 143, 118



67, 71, 64



59, 135, 0



5, 8, 0

Inverse Universe

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



113, 120, 143



140, 151, 186



119, 113, 143



64, 66, 71



0, 31, 135



0, 2, 8

Previews

White Background



This preview shows how the RYB color 126, 143, 113 looks on a white background.

Color Contrast Check

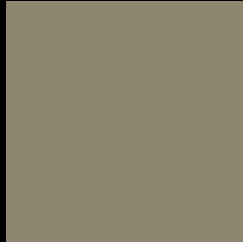
Large Text (above 18pt) WCAG AA ✓ Pass

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 126, 143, 113 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 126, 143, 113 Background



This preview shows how black text looks on a background with the RYB color 126, 143, 113.



This preview shows how white text looks on a background with the RYB color 126, 143, 113.

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
126, 143, 113

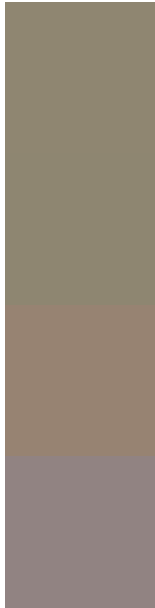
Protanopia
124, 142, 113

Deuteranopia
155, 140, 114



Tritanopia
146, 130, 140

Trichromacy



Original Color

126, 143, 113

Protanomaly

124, 142, 113

Deuteranomaly

151, 145, 114

Tritanomaly

145, 131, 130

Monochromacy



Original Color

126, 143, 113

Achromatopsia

134, 134, 134

Achromatomaly

130, 137, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 143, 113 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(143, 134, 113) looks like.

```
.text, #text, p{  
    color:rgb(143, 134, 113)  
}
```

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(143, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 134, 113) }
```

Border

The CSS property to change the border of an element to RYB 126, 143, 113 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(143, 134, 113) }
```

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

```
.border{ border-color:rgb(143, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 134,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 126, 143, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 134, 113) }
```

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

```
.background{ background-color: rgb(143,  
134, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor