

Converting Colors

`RYB(144, 123, 111)`

Have a look what the booklet for
RYB(144, 123, 111) contains.

RYB(144, 123, 111)	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(144, 123, 111)

Conversions

Conversions Part 1

Format	Color
Hex	90786F
RGB	144, 120, 111
RGB Percent	56%, 47%, 44%
CMY	0.4353, 0.5302, 0.5647
CMYK	0.00, 0.17, 0.23, 0.44
HSL	16°, 13%, 50%
HSV	16°, 23%, 56%
XYZ	21.0633, 20.4619, 17.8783
YIQ	126.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

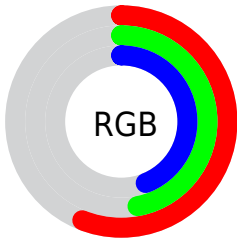
Format	Color
R_{YB}	144, 123, 111
Decimal	9468015
CIE Lab	52.36, 7.94, 8.34
CIE LCh	52, 11.512, 46.398
Yxy	20.4619, 0.3546, 0.3445
Android (android.graphics.Color)	4287658095 (0xFF90786F)
YUV	126.1500, -7.4689, 15.6545
Hunter-Lab	45.2348, 3.9564, 8.2310

Details

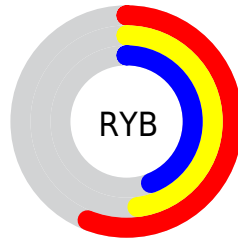
The RYB color **144, 123, 111** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 125, 144**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **198, 175, 163**, and **93, 76, 63** is the 20% darker color. If you saturate the color by 10%, you get **144, 113, 97**, and if you desaturate by 10%, it is **144, 132, 125**.

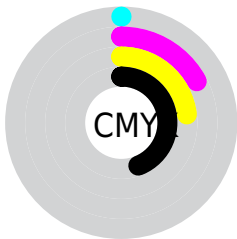
Distribution



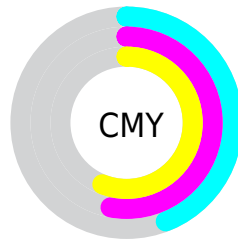
- Red (56%)
- Green (47%)
- Blue (44%)



- Red (56%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (44%)




- Cyan (44%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 123, 111 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 144, 123, 111 by changing the saturation by 10% instead.

 144, 123, 111

255, 255, 255


 198, 175, 163

 226, 202, 190

 255, 231, 217


 246, 255, 246

 144, 123, 111

 144, 113, 97

 144, 105, 82

 144, 123, 111

 118, 98, 87

 93, 74, 63


 69, 52, 41


 46, 31, 21

 26, 2, 0

 0, 0, 0

 144, 123, 111

 144, 132, 125

 144, 141, 140

■ 144, 95, 68

■ 144, 148, 154

■ 144, 87, 53

■ 144, 154, 169

■ 144, 77, 39

■ 144, 161, 183

■ 144, 67, 25

■ 144, 166, 197

■ 144, 59, 10

■ 144, 173, 212

■ 144, 52, 0

■ 144, 179, 226

■ 144, 185, 241

Harmonies

Analogous

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



146, 118, 120



144, 123, 111



132, 137, 106

Triad

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



144, 123, 111



106, 121, 130



121, 124, 144

Complementary

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



144, 123, 111



111, 125, 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.



109, 121, 144



144, 123, 111



100, 116, 131

Square

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



144, 123, 111



111, 129, 124



101, 117, 139



133, 121, 139

Rectangle

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



144, 123, 111



113, 131, 105



101, 117, 139



117, 123, 144

Sweetspot

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



144, 123, 111



186, 179, 173



144, 111, 135



94, 90, 87



222, 222, 222



94, 94, 94

Same Dimension

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



144, 123, 111



186, 153, 134



122, 144, 111



71, 67, 64



135, 49, 0



8, 3, 0

Inverse Universe

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



111, 125, 144



134, 156, 186



111, 117, 144



64, 67, 71



0, 57, 135



0, 3, 8

Previews

White Background



This preview shows how the RYB color 144, 123, 111 looks on a white background.

Color Contrast Check

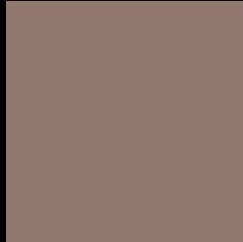
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 123, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

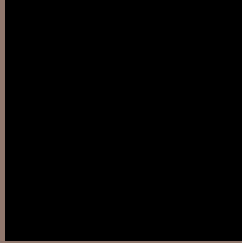
Any Text WCAG AA ✓ Pass

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 144, 123, 111 Background



This preview shows how black text looks on a background with the RYB color 144, 123, 111.



This preview shows how white text looks on a background with the RYB color 144, 123, 111.

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
144, 123, 111

Protanopia
121, 130, 114

Deuteranopia
142, 124, 111



Tritanopia
146, 117, 127

Trichromacy



Original Color

144, 123, 111

Protanomaly

135, 131, 113

Deuteranomaly

143, 124, 111

Tritanomaly

145, 118, 121

Monochromacy



Original Color

144, 123, 111

Achromatopsia

126, 126, 126

Achromatomaly

133, 125, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 123, 111 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(144, 120, 111) looks like.

```
.text, #text, p{  
    color:rgb(144, 120, 111)  
}
```

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(144, 120, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 120, 111) }
```

Border

The CSS property to change the border of an element to RYB 144, 123, 111 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(144, 120, 111) }
```

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

```
.border{ border-color:rgb(144, 120, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 120, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 120, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 120, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 120,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 144, 123, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 120, 111) }
```

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

```
.background{ background-color: rgb(144,  
120, 111) }
```

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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