

Converting Colors

`RYB(184, 111, 132)`

Have a look what the booklet for
RYB(184, 111, 132) contains.

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Color

$\text{RYB}(184, 111, 132)$

Conversions

Conversions Part 1

Format	Color
Hex	B86F84
RGB	184, 111, 132
RGB Percent	72%, 44%, 52%
CMY	0.2784, 0.5647, 0.4824
CMYK	0.00, 0.40, 0.28, 0.28
HSL	343°, 34%, 58%
HSV	343°, 40%, 72%
XYZ	29.6165, 23.2252, 24.7517
YIQ	135.2210, 36.7670, 22.0070

Conversions

Conversions Part 2

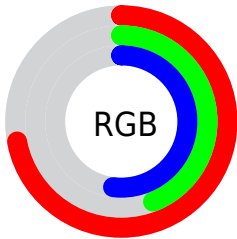
Format	Color
R_{YB}	184, 111, 132
Decimal	12087172
CIE _{Lab}	55.30, 31.63, 0.88
CIE _{LCh}	55, 31.645, 1.586
Yxy	23.2252, 0.3817, 0.2993
Android (android.graphics.Color)	4290277252 (0xFFB86F84)
YUV	135.2210, -1.5880, 42.7792
Hunter-Lab	48.1925, 25.3594, 3.2833

Details

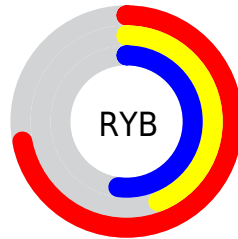
The RYB color **184, 111, 132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111, 154, 184**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **242, 164, 185**, and **129, 61, 83** is the 20% darker color. If you saturate the color by 10%, you get **184, 93, 119**, and if you desaturate by 10%, it is **184, 129, 145**.

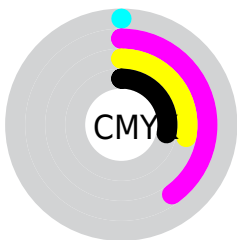
Distribution



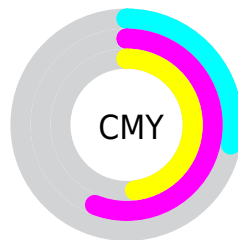
- Red (72%)
- Green (44%)
- Blue (52%)



- Red (72%)
- Yellow (44%)
- Blue (52%)



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




- Cyan (28%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 111, 132 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 184, 111, 132 by changing the saturation by 10% instead.

 184, 111, 132

255, 255, 255

 242, 164, 185

 255, 191, 213

 255, 219, 241

 255, 248, 255

 184, 111, 132

 156, 86, 107

 129, 61, 83

 102, 37, 60

 77, 12, 38

 52, 0, 17

 24, 0, 1


 0, 0, 0

 184, 111, 132

 184, 93, 119


 184, 111, 132

 184, 129, 145

 184, 74, 106

 184, 148, 158

 184, 56, 93

 184, 166, 171

 184, 37, 80

 184, 185, 185

 184, 19, 66

 184, 195, 203

 184, 1, 53

 184, 205, 221

 184, 0, 53

 184, 217, 240

 184, 225, 255

 184, 221, 255

Harmonies

Analogous

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



168, 116, 159



184, 111, 132



184, 115, 105

Triad

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



184, 111, 132



85, 139, 104



44, 101, 180

Complementary

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



184, 111, 132



111, 154, 184

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.



6, 79, 160



184, 111, 132



87, 131, 145

Square

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



184, 111, 132



101, 149, 77



49, 102, 147



95, 123, 187

Rectangle

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



184, 111, 132



177, 134, 90



49, 102, 147



27, 92, 175

Sweetspot

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



184, 111, 132



240, 211, 219



162, 111, 184



120, 103, 108



247, 247, 247



120, 120, 120

Same Dimension

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



184, 111, 132



240, 125, 158



184, 130, 111



92, 83, 85



156, 0, 45



28, 0, 8

Inverse Universe

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



184, 111, 132



240, 125, 158



111, 143, 184



92, 83, 85



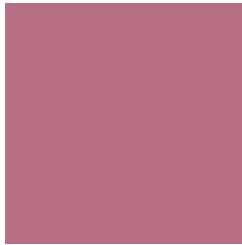
156, 0, 45



28, 0, 8

Previews

White Background



This preview shows how the RYB color 184, 111, 132 looks on a white background.

Color Contrast Check

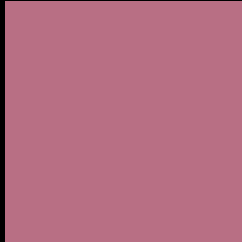
Large Text (above 18pt) WCAG AA ✓ Pass

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 184, 111, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

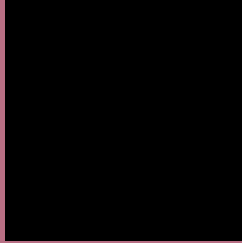
Any Text WCAG AA ✓ Pass

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 184, 111, 132 Background



This preview shows how black text looks on a background with the RYB color 184, 111, 132.



This preview shows how white text looks on a background with the RYB color 184, 111, 132.

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
184, 111, 132

Protanopia
132, 132, 144

Deuteranopia
147, 128, 129



Tritanopia
183, 113, 121

Trichromacy



Original Color
184, 111, 132

Protanomaly
151, 124, 140

Deuteranomaly
160, 122, 130

Tritanomaly
183, 112, 125

Monochromacy



Original Color
184, 111, 132

Achromatopsia
135, 135, 135

Achromatomaly
153, 126, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 111, 132 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(184, 111, 132) looks like.

```
.text, #text, p{  
    color:rgb(184, 111, 132)  
}
```

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(184, 111, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 111, 132) }
```

Border

The CSS property to change the border of an element to RYB 184, 111, 132 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(184, 111, 132) }
```

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

```
.border{ border-color:rgb(184, 111, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 111, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 111, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 111, 132);  
box-shadow:4px 4px 4px 4px rgb(184, 111,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 184, 111, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 111, 132) }
```

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

```
.background{ background-color: rgb(184,  
111, 132) }
```

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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