

Converting Colors

`RYB(132, 198, 184)`

Have a look what the booklet for
RYB(132, 198, 184) contains.

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Color

R_YB(132, 198, 184)

Conversions

Conversions Part 1

Format	Color
Hex	92C684
RGB	146, 198, 132
RGB Percent	57%, 78%, 52%
CMY	0.4275, 0.2235, 0.4824
CMYK	0.26, 0.00, 0.33, 0.22
HSL	107°, 37%, 65%
HSV	107°, 33%, 78%
XYZ	36.2130, 48.1651, 29.2180
YIQ	174.9280, -9.8060, -31.5500

Conversions

Conversions Part 2

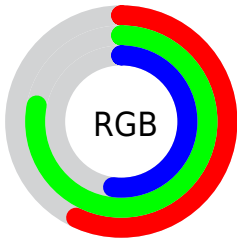
Format	Color
RYB	132, 198, 184
Decimal	9619076
CIELab	74.93, -29.46, 27.77
CIElCh	75, 40.487, 136.688
Yxy	48.1651, 0.3188, 0.4240
Android (android.graphics.Color)	4287809156 (0xFF92C684)
YUV	174.9280, -21.1635, -25.3699
Hunter-Lab	69.4011, -28.3118, 23.6196

Details

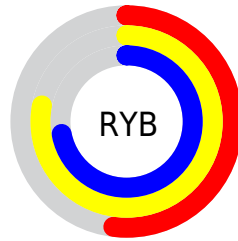
The RYB color **132, 198, 184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **184, 132, 198**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **186, 255, 240**, and **82, 144, 132** is the 20% darker color. If you saturate the color by 10%, you get **112, 198, 180**, and if you desaturate by 10%, it is **152, 198, 188**.

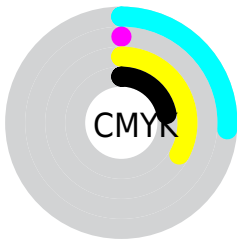
Distribution



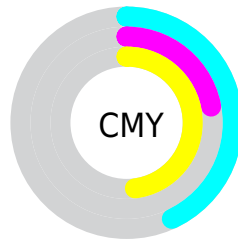
- Red (57%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (72%)



- Cyan (26%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (43%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 198, 184 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 132, 198, 184 by changing the saturation by 10% instead.

 132, 198, 184

255, 255, 255


 186, 255, 240


 213, 255, 238

 242, 255, 242

 132, 198, 184

 106, 171, 158

 82, 144, 132

 58, 118, 108

 35, 93, 85

 12, 69, 65


 0, 46, 46

 0, 26, 26


 0, 0, 0


 132, 198, 184


 132, 198, 184


 112, 198, 180


 152, 198, 188


 92, 198, 175


 172, 198, 193


 73, 198, 172


 191, 198, 196


 53, 198, 167

 208, 198, 211

 33, 198, 163

 224, 198, 231

 13, 198, 159

 240, 198, 251

 0, 198, 156

 255, 198, 255

Harmonies

Analogous

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



112, 189, 113



132, 198, 184



98, 162, 203

Triad

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



132, 198, 184



100, 158, 255



255, 156, 165

Complementary

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



132, 198, 184



184, 132, 198

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.



247, 157, 203



132, 198, 184



164, 178, 255

Square

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



132, 198, 184



27, 122, 238



215, 167, 236



248, 176, 132

Rectangle

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



132, 198, 184



61, 136, 204



215, 167, 236



255, 155, 177

Sweetspot

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



132, 198, 184



230, 255, 250



150, 198, 132



112, 128, 125



0, 0, 0



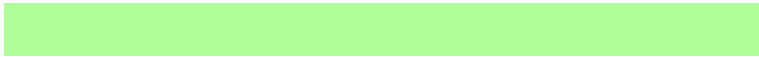
128, 128, 128

Same Dimension

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



132, 198, 184



153, 255, 233



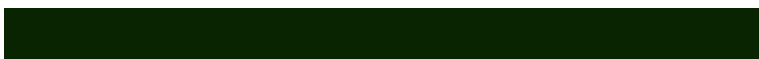
132, 183, 198



90, 99, 97



0, 163, 128



0, 36, 28

Inverse Universe

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



184, 132, 198



233, 153, 255



198, 132, 179



97, 90, 99



129, 0, 163



28, 0, 36

Previews

White Background



This preview shows how the RYB color 132, 198, 184 looks on a white background.

Color Contrast Check

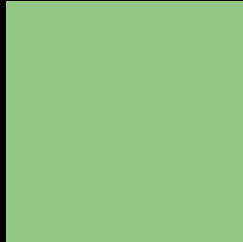
Large Text (above 18pt) WCAG AA × Fail

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 132, 198, 184 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 ✓ Pass

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

RYB 132, 198, 184 Background



This preview shows how black text looks on a background with the RYB color 132, 198, 184.



This preview shows how white text looks on a background with the RYB color 132, 198, 184.

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
132, 198, 184

Protanopia
145, 199, 126

Deuteranopia
217, 213, 137



Tritanopia
158, 177, 204

Trichromacy



Original Color
132, 198, 184

Protanomaly
128, 189, 137

Deuteranomaly
143, 191, 135

Tritanomaly
154, 177, 192

Monochromacy



Original Color
132, 198, 184

Achromatopsia
175, 175, 175

Achromatomaly
159, 183, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 198, 146 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(146, 198, 132) looks like.

```
.text, #text, p{  
    color:rgb(146, 198, 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(146, 198, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 198, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 198, 184 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(146, 198, 132) }
```

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

```
.border{ border-color:rgb(146, 198, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 198, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 198, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 198, 132); box-shadow:4px 4px 4px 4px rgb(146, 198, 132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 198, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 198, 132) }
```

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

```
.background{ background-color: rgb(146,  
198, 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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