

Converting Colors

`RYB(144, 189, 198)`

Have a look what the booklet for
RYB(144, 189, 198) contains.

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Color

R_YB(144, 189, 198)

Conversions

Conversions Part 1

Format	Color
Hex	90C69B
RGB	144, 198, 155
RGB Percent	56%, 78%, 61%
CMY	0.4353, 0.2235, 0.3929
CMYK	0.27, 0.00, 0.22, 0.22
HSL	132°, 32%, 67%
HSV	132°, 27%, 78%
XYZ	37.5953, 48.6773, 38.3365
YIQ	176.9520, -18.3810, -24.8210

Conversions

Conversions Part 2

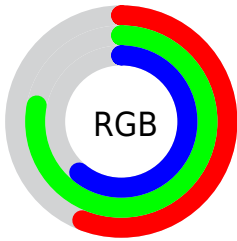
Format	Color
RYB	144, 189, 198
Decimal	9488027
CIELab	75.25, -26.29, 16.10
CIELCh	75, 30.829, 148.513
Yxy	48.6773, 0.3017, 0.3906
Android (android.graphics.Color)	4287678107 (0xFF90C69B)
YUV	176.9520, -10.8223, -28.8989
Hunter-Lab	69.7691, -25.9107, 16.2599

Details

The RYB color **144, 189, 198** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **198, 144, 187**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **199, 246, 255**, and **92, 134, 144** is the 20% darker color. If you saturate the color by 10%, you get **124, 186, 198**, and if you desaturate by 10%, it is **164, 192, 198**.

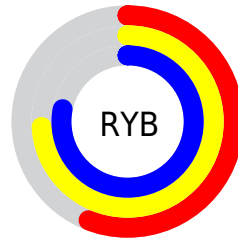
Distribution



Red (56%)

Green (78%)

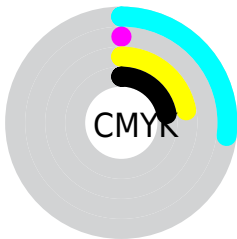
Blue (61%)



Red (56%)

Yellow (74%)

Blue (78%)

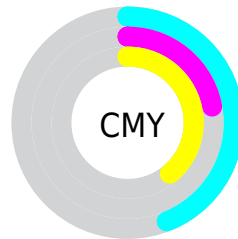


Cyan (27%)

Magenta (0%)

Yellow (22%)

Black (22%)



Cyan (44%)


Magenta (22%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 144, 189, 198 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, 189, 198 by changing the saturation by 10% instead.


 144, 189, 198

 144, 189, 198


255, 255, 255

 118, 162, 171

 199, 247, 255

 92, 134, 144

 227, 247, 255

 67, 108, 118


 42, 82, 93


 16, 56, 69


 0, 36, 46

 0, 27, 27

 0, 0, 0

 144, 189, 198


 144, 189, 198

 124, 186, 198


 164, 192, 198

 104, 182, 198


 184, 196, 198

 85, 180, 198


 203, 198, 202

 65, 176, 198

 223, 198, 218

 45, 172, 198

 243, 198, 234

 25, 169, 198

 255, 198, 250

 5, 166, 198

 255, 198, 255

 0, 165, 198

Harmonies

Analogous

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



135, 192, 150



144, 189, 198



113, 162, 201

Triad

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



144, 189, 198



147, 176, 242



242, 166, 160

Complementary

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



144, 189, 198



198, 144, 187

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.



239, 164, 188



144, 189, 198



188, 179, 235

Square

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



144, 189, 198



109, 160, 233



220, 169, 215



230, 194, 138

Rectangle

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



144, 189, 198



99, 150, 202



220, 169, 215



243, 165, 169

Sweetspot

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



144, 189, 198



235, 252, 255



144, 198, 155



115, 126, 128



0, 0, 0



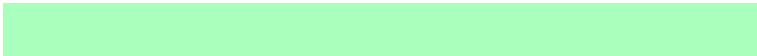
128, 128, 128

Same Dimension

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



144, 189, 198



171, 241, 255



144, 176, 198



90, 98, 99



0, 136, 163



0, 30, 36

Inverse Universe

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



198, 144, 187



255, 171, 238



198, 144, 160



99, 90, 97



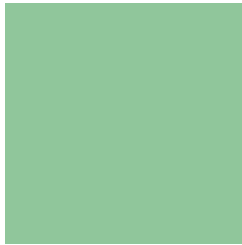
163, 0, 131



36, 0, 29

Previews

White Background



This preview shows how the RYB color 144, 189, 198 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 144, 189, 198 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](#).

RYP 144, 189, 198 Background



This preview shows how black text looks on a background with the RYB color 144, 189, 198.

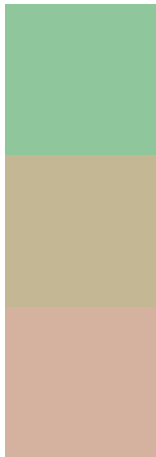


This preview shows how white text looks on a background with the RYB color 144, 189, 198.

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](#).

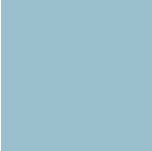
Dichromacy



Original Color
144, 189, 198

Protanopia
164, 196, 148

Deuteranopia
212, 189, 159



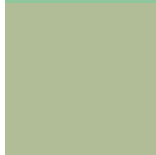
Tritanopia
154, 176, 206

Trichromacy



Original Color

144, 189, 198



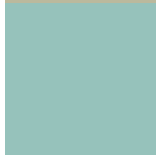
Protanomaly

150, 189, 162



Deuteranomaly

159, 187, 157



Tritanomaly

150, 174, 194

Monochromacy



Original Color

144, 189, 198



Achromatopsia

177, 177, 177



Achromatomaly

165, 182, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 189, 198 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, 198, 155)` looks like.

```
.text, #text, p{  
    color:rgb(144, 198, 155)  
}
```

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, 198, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 198, 155) }
```

Border

The CSS property to change the border of an element to RYB 144, 189, 198 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, 198, 155) }
```

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

```
.border{ border-color:rgb(144, 198, 155) }
```

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

Here you see how a box with a 4 pixel rgb(144, 198, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 198, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 198, 155);  
box-shadow:4px 4px 4px 4px rgb(144, 198,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 144, 189, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 198, 155) }
```

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

```
.background{ background-color: rgb(144,  
198, 155) }
```

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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