

Converting Colors

`RYB(135, 166, 149)`

Have a look what the booklet for
RYB(135, 166, 149) contains.

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Color

R_YB(135, 166, 149)

Conversions

Conversions Part 1

Format	Color
Hex	98A687
RGB	152, 166, 135
RGB Percent	60%, 65%, 53%
CMY	0.4039, 0.3490, 0.4706
CMYK	0.08, 0.00, 0.19, 0.35
HSL	87°, 15%, 59%
HSV	87°, 19%, 65%
XYZ	30.9583, 35.6971, 28.1802
YIQ	158.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

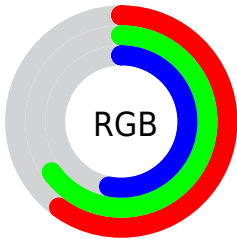
Format	Color
RYB	135, 166, 149
Decimal	10004103
CIELab	66.29, -10.67, 14.42
CIELCh	66, 17.938, 126.498
Yxy	35.6971, 0.3264, 0.3764
Android (android.graphics.Color)	4288194183 (0xFF98A687)
YUV	158.2800, -11.4770, -5.5076
Hunter-Lab	59.7471, -12.0665, 13.8583

Details

The RYB color **135, 166, 149** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149, 135, 166**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **188, 221, 203**, and **85, 114, 98** is the 20% darker color. If you saturate the color by 10%, you get **118, 166, 139**, and if you desaturate by 10%, it is **152, 166, 159**.

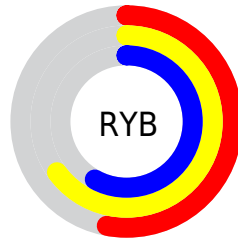
Distribution



Red (60%)

Green (65%)

Blue (53%)



Red (53%)

Yellow (65%)

Blue (58%)

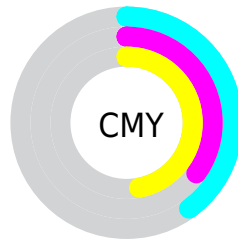


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 166, 149 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 135, 166, 149 by changing the saturation by 10% instead.

 135, 166, 149

255, 255, 255


 188, 221, 203

 216, 250, 231


 245, 255, 245

 135, 166, 149

 110, 140, 124

 85, 114, 98

 62, 90, 75

 40, 66, 52

 19, 44, 31

 0, 24, 16


 0, 0, 0

 135, 166, 149


 118, 166, 139

 135, 166, 149


 152, 166, 159

 102, 166, 131


 167, 166, 168

 85, 166, 121

 174, 166, 185

 69, 166, 113

 182, 166, 201

 52, 166, 103


 189, 166, 218


 35, 166, 94


 197, 166, 235

 19, 166, 85

 204, 166, 251

 2, 166, 76

 212, 166, 255

 0, 166, 75

 219, 166, 255

Harmonies

Analogous

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



141, 170, 129



135, 166, 149



134, 159, 169

Triad

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



135, 166, 149



128, 152, 190



194, 150, 158

Complementary

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



135, 166, 149



149, 135, 166

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.



185, 151, 174



135, 166, 149



147, 158, 193

Square

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



135, 166, 149



118, 146, 180



168, 156, 187



194, 154, 143

Rectangle

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



135, 166, 149



124, 150, 170



168, 156, 187



192, 150, 164

Sweetspot

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



135, 166, 149



204, 217, 210



166, 161, 135



102, 110, 106



237, 237, 237



110, 110, 110

Same Dimension

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



135, 166, 149



169, 217, 191



135, 166, 164



76, 84, 80



0, 148, 67



0, 20, 9

Inverse Universe

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



149, 135, 166



191, 169, 217



164, 135, 166



80, 76, 84



67, 0, 148



9, 0, 20

Previews

White Background



This preview shows how the RYB color 135, 166, 149 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 135, 166, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

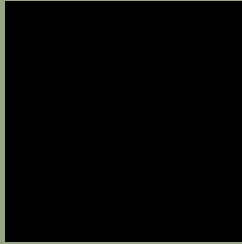
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

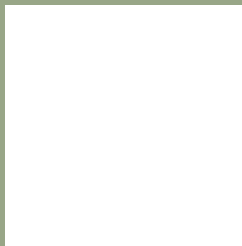
Any Text WCAG AAA ✓ Pass

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

RYB 135, 166, 149 Background



This preview shows how black text looks on a background with the RYB color 135, 166, 149.



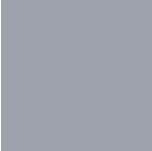
This preview shows how white text looks on a background with the RYB color 135, 166, 149.

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





Tritanopia
158, 161, 173

Trichromacy



Original Color
135, 166, 149

Protanomaly
133, 163, 133

Deuteranomaly
159, 173, 136

Tritanomaly
156, 161, 163

Monochromacy



Original Color
135, 166, 149

Achromatopsia
158, 158, 158

Achromatomaly
150, 161, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 166, 149 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(152, 166, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 135)  
}
```

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(152, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 166, 149 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(152, 166, 135) }
```

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

```
.border{ border-color:rgb(152, 166, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 166, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 135) }
```

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

```
.background{ background-color: rgb(152,  
166, 135) }
```

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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