

Converting Colors

`RYB(136, 184, 165)`

Have a look what the booklet for
RYB(136, 184, 165) contains.

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Color

R_YB(136, 184, 165)

Conversions

Conversions Part 1

Format	Color
Hex	9BB888
RGB	155, 184, 136
RGB Percent	61%, 72%, 53%
CMY	0.3922, 0.2784, 0.4667
CMYK	0.16, 0.00, 0.26, 0.28
HSL	96°, 25%, 63%
HSV	96°, 26%, 72%
XYZ	35.1020, 43.0271, 29.7475
YIQ	169.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

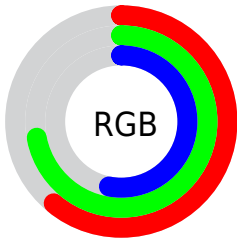
Format	Color
RYB	136, 184, 165
Decimal	10205320
CIELab	71.57, -18.74, 21.21
CIELCh	72, 28.306, 131.460
Yxy	43.0271, 0.3254, 0.3989
Android (android.graphics.Color)	4288395400 (0xFF9BB888)
YUV	169.8570, -16.6915, -13.0296
Hunter-Lab	65.5951, -19.2703, 19.0284

Details

The RYB color **136, 184, 165** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165, 136, 184**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **190, 240, 220**, and **86, 131, 114** is the 20% darker color. If you saturate the color by 10%, you get **118, 184, 158**, and if you desaturate by 10%, it is **154, 184, 172**.

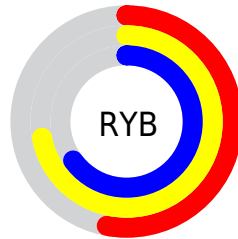
Distribution



Red (61%)

Green (72%)

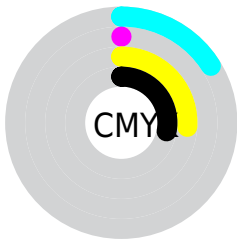
Blue (53%)



Red (53%)

Yellow (72%)

Blue (65%)

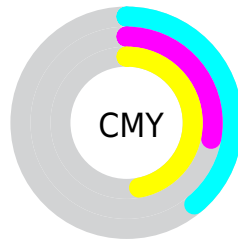


Cyan (16%)

Magenta (0%)

Yellow (26%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 184, 165 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 136, 184, 165 by changing the saturation by 10% instead.

 136, 184, 165

255, 255, 255


 190, 240, 220


 217, 255, 234

 246, 255, 246

 136, 184, 165

 110, 157, 138

 86, 131, 114

 62, 106, 89

 40, 81, 66

 18, 58, 44

 0, 36, 23

 0, 11, 11


 0, 0, 0


 136, 184, 165


 136, 184, 165

 118, 184, 158


 154, 184, 172

 99, 184, 150


 173, 184, 180


 81, 184, 143

 188, 184, 191


 62, 184, 135

 199, 184, 210


 44, 184, 129

 211, 184, 228

 26, 184, 122

 222, 184, 246

 7, 184, 114

 233, 184, 255

 0, 184, 111

 244, 184, 255

 255, 184, 255

Harmonies

Analogous

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



133, 184, 125



136, 184, 165



125, 166, 188

Triad

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



136, 184, 165



121, 159, 224



227, 156, 166

Complementary

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



136, 184, 165



165, 136, 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.



216, 158, 192



136, 184, 165



157, 171, 226

Square

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



136, 184, 165



98, 148, 209



192, 165, 214



224, 165, 142

Rectangle

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



136, 184, 165



108, 153, 190



192, 165, 214



225, 156, 175

Sweetspot

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



136, 184, 165



221, 240, 233



167, 184, 136



108, 120, 115



247, 247, 247



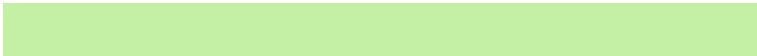
120, 120, 120

Same Dimension

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



136, 184, 165



165, 240, 210



136, 179, 184



83, 92, 89



0, 156, 94



0, 28, 17

Inverse Universe

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



165, 136, 184



210, 165, 240



184, 136, 179



88, 83, 92



94, 0, 156



17, 0, 28

Previews

White Background



This preview shows how the RYB color 136, 184, 165 looks on a white background.

Color Contrast Check

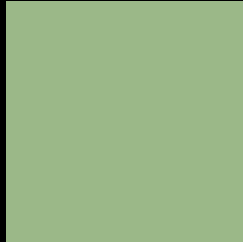
Large Text (above 18pt) WCAG AA × Fail

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 136, 184, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

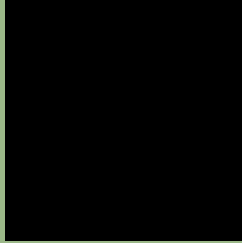
Any Text WCAG AA ✓ Pass

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 136, 184, 165 Background



This preview shows how black text looks on a background with the RYB color 136, 184, 165.

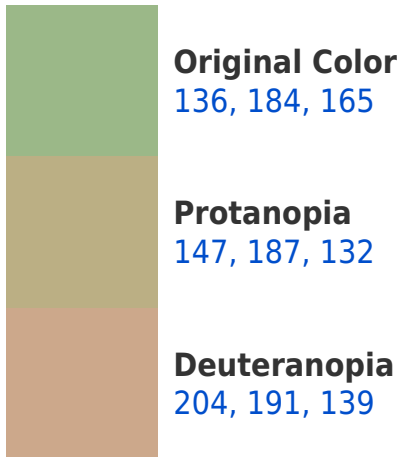


This preview shows how white text looks on a background with the RYB color 136, 184, 165.

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
163, 172, 191

Trichromacy



Original Color

136, 184, 165

Protanomaly

133, 178, 136

Deuteranomaly

154, 186, 138

Tritanomaly

160, 173, 180

Monochromacy



Original Color

136, 184, 165

Achromatopsia

170, 170, 170

Achromatomaly

158, 175, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 184, 165 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(155, 184, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 184, 136)  
}
```

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(155, 184, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 184, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 184, 165 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(155, 184, 136) }
```

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

```
.border{ border-color:rgb(155, 184, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 184, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 184, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 184, 136);  
box-shadow:4px 4px 4px 4px rgb(155, 184,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 184, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 184, 136) }
```

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

```
.background{ background-color: rgb(155,  
184, 136) }
```

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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