

Converting Colors

`RYB(164, 186, 167)`

Have a look what the booklet for RYB(164, 186, 167) contains.

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Color

RYB(164, 186, 167)

Conversions

Conversions Part 1

Format	Color
Hex	B7BAA4
RGB	183, 186, 164
RGB Percent	72%, 73%, 64%
CMY	0.2824, 0.2706, 0.3569
CMYK	0.02, 0.00, 0.12, 0.27
HSL	68°, 14%, 69%
HSV	68°, 12%, 73%
XYZ	43.7882, 47.8654, 42.0530
YIQ	182.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

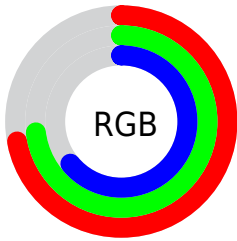
Format	Color
RYB	164, 186, 167
Decimal	12040868
CIELab	74.74, -4.95, 10.80
CIELCh	75, 11.880, 114.638
Yxy	47.8654, 0.3275, 0.3580
Android (android.graphics.Color)	4290230948 (0xFFB7BAA4)
YUV	182.5950, -9.1673, 0.3552
Hunter-Lab	69.1848, -8.0980, 12.3908

Details

The RYB color **164, 186, 167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **167, 164, 186**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **219, 242, 222**, and **112, 133, 115** is the 20% darker color. If you saturate the color by 10%, you get **145, 186, 151**, and if you desaturate by 10%, it is **183, 186, 183**.

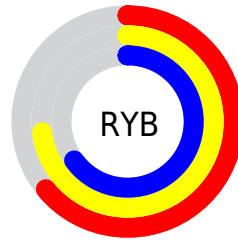
Distribution



Red (72%)

Green (73%)

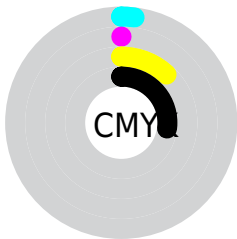
Blue (64%)



Red (64%)

Yellow (73%)

Blue (65%)

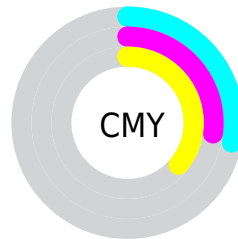


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (27%)



Cyan (28%)


Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 186, 167 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 164, 186, 167 by changing the saturation by 10% instead.

 164, 186, 167


255, 255, 255

 219, 242, 222

 247, 255, 247

 164, 186, 167

 138, 159, 141

 112, 133, 115

 88, 108, 91


 64, 84, 67


 42, 60, 44

 22, 39, 25

 0, 18, 5

 0, 0, 0

 164, 186, 167

 164, 186, 167


 145, 186, 151


 183, 186, 183

 127, 186, 135


 188, 186, 201

 108, 186, 119


 191, 186, 220

 90, 186, 103

 193, 186, 238


 71, 186, 87

 196, 186, 255

 52, 186, 70


 198, 186, 255

 34, 186, 55

 201, 186, 255

 15, 186, 38

 203, 186, 255

 0, 186, 25

 206, 186, 255

Harmonies

Analogous

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



183, 195, 162



164, 186, 167



170, 188, 189

Triad

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



164, 186, 167



160, 177, 201



205, 177, 186

Complementary

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



164, 186, 167



167, 164, 186

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.



196, 179, 197



164, 186, 167



170, 181, 205

Square

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



164, 186, 167



156, 174, 193



184, 182, 204



208, 177, 175

Rectangle

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



164, 186, 167



163, 180, 190



184, 182, 204



203, 177, 190

Sweetspot

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



164, 186, 167



233, 242, 234



186, 167, 164



116, 122, 116



250, 250, 250



122, 122, 122

Same Dimension

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



164, 186, 167



208, 242, 212



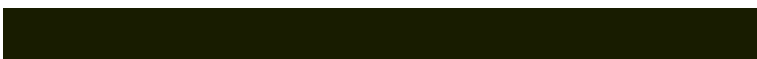
164, 186, 178



83, 92, 84



0, 156, 22



0, 28, 4

Inverse Universe

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



167, 164, 186



213, 208, 242



178, 164, 186



84, 83, 92



21, 0, 156



4, 0, 28

Previews

White Background



This preview shows how the RYB color 164, 186, 167 looks on a white background.

Color Contrast Check

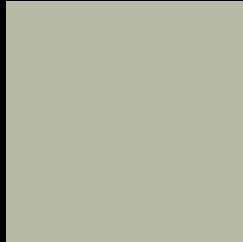
Large Text (above 18pt) WCAG AA × Fail

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 164, 186, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

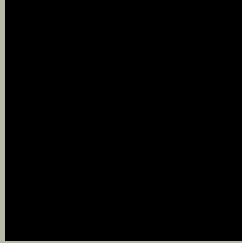
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

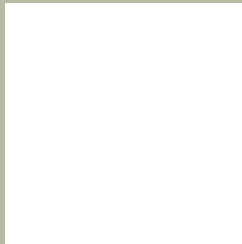
Any Text WCAG AAA ✓ Pass

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

RYB 164, 186, 167 Background



This preview shows how black text looks on a background with the RYB color 164, 186, 167.



This preview shows how white text looks on a background with the RYB color 164, 186, 167.

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
164, 186, 167

Protanopia
176, 192, 163

Deuteranopia
208, 181, 166



Tritanopia
188, 181, 196

Trichromacy



Original Color

164, 186, 167

Protanomaly

169, 189, 163

Deuteranomaly

199, 192, 165

Tritanomaly

186, 183, 184

Monochromacy



Original Color

164, 186, 167

Achromatopsia

183, 183, 183

Achromatomaly

176, 184, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 186, 167 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(183, 186, 164) looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 164)  
}
```

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(183, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 186, 167 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(183, 186, 164) }
```

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

```
.border{ border-color:rgb(183, 186, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 186, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 164) }
```

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

```
.background{ background-color: rgb(183,  
186, 164) }
```

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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