

Converting Colors

`RYB(169, 206, 163)`

Have a look what the booklet for
RYB(169, 206, 163) contains.

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Color

R_YB(169, 206, 163)

Conversions

Conversions Part 1

Format	Color
Hex	CEC9A3
RGB	206, 201, 163
RGB Percent	81%, 79%, 64%
CMY	0.1922, 0.2128, 0.3608
CMYK	0.00, 0.03, 0.21, 0.19
HSL	53°, 30%, 72%
HSV	53°, 21%, 81%
XYZ	52.8893, 57.4159, 42.9451
YIQ	198.1630, 15.1780, -10.7580

Conversions

Conversions Part 2

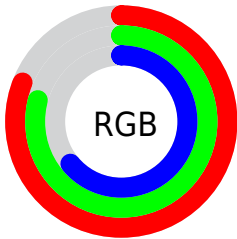
Format	Color
RYB	169, 206, 163
Decimal	13552035
CIELab	80.41, -4.32, 19.56
CIELCh	80, 20.028, 102.445
Yxy	57.4159, 0.3451, 0.3747
Android (android.graphics.Color)	4291742115 (0xFFCEC9A3)
YUV	198.1630, -17.3354, 6.8730
Hunter-Lab	75.7732, -8.0112, 19.4382

Details

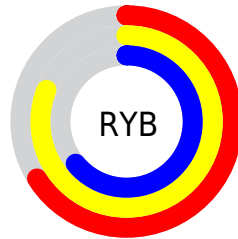
The RYB color **169, 206, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 167, 206**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **218, 255, 218**, and **115, 151, 111** is the 20% darker color. If you saturate the color by 10%, you get **151, 206, 142**, and if you desaturate by 10%, it is **187, 206, 184**.

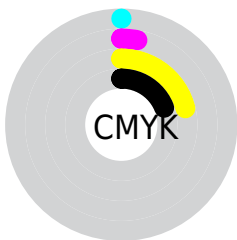
Distribution



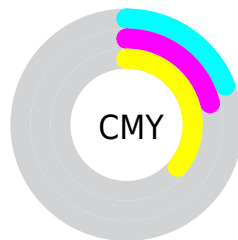
- Red (81%)
- Green (79%)
- Blue (64%)



- Red (66%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 206, 163 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 169, 206, 163 by changing the saturation by 10% instead.

 169, 206, 163

255, 255, 255


 218, 255, 218


 247, 255, 247

 169, 206, 163

 143, 178, 137


 115, 151, 111


 91, 125, 87

 67, 100, 63

 44, 76, 41

 22, 52, 20


 3, 32, 0

 0, 3, 3

 0, 0, 0

 169, 206, 163

 169, 206, 163

 151, 206, 142

 187, 206, 184

 133, 206, 122

 204, 206, 204

 116, 206, 101

 206, 208, 225

 98, 206, 81

 206, 210, 245

 81, 206, 60

 206, 212, 255

 62, 206, 39

 206, 214, 255

 45, 206, 19

 206, 216, 255

 28, 206, 0

 206, 217, 255

 206, 219, 255

Harmonies

Analogous

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



220, 224, 164



169, 206, 163



172, 206, 193

Triad

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



169, 206, 163



151, 183, 224



230, 188, 211

Complementary

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



169, 206, 163



163, 167, 206

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.



212, 192, 227



169, 206, 163



165, 190, 235

Square

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



169, 206, 163



151, 181, 210



189, 197, 236



239, 187, 192

Rectangle

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



169, 206, 163



171, 200, 209



189, 197, 236



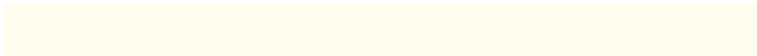
225, 189, 217

Sweetspot

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



169, 206, 163



242, 255, 240



206, 163, 169



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



169, 206, 163



200, 255, 191



163, 206, 179



93, 102, 92



24, 166, 0



4, 38, 0

Inverse Universe

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



163, 167, 206



191, 198, 255



179, 163, 206



92, 93, 102



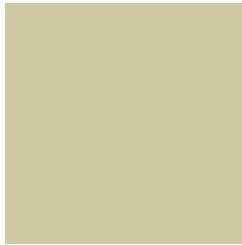
0, 18, 166



0, 4, 38

Previews

White Background



This preview shows how the RYB color 169, 206, 163 looks on a white background.

Color Contrast Check

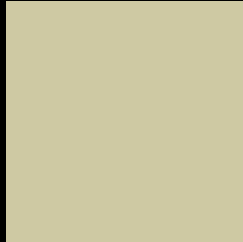
Large Text (above 18pt) WCAG AA × Fail

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 169, 206, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

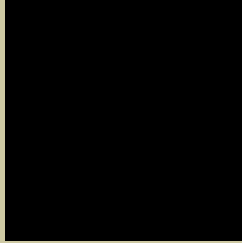
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

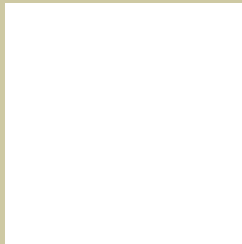
Any Text WCAG AAA ✓ Pass

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

RYB 169, 206, 163 Background



This preview shows how black text looks on a background with the RYB color 169, 206, 163.




This preview shows how white text looks on a background with the RYB color 169, 206, 163.

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](#).

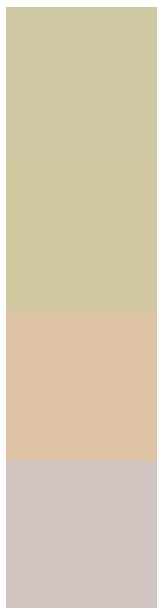
Dichromacy

	Original Color 169, 206, 163
	Protanopia 178, 211, 162
	Deuteranopia 231, 211, 165



Tritanopia
212, 194, 210

Trichromacy



Original Color

169, 206, 163

Protanomaly

173, 209, 162

Deuteranomaly

215, 222, 164

Tritanomaly

210, 197, 193

Monochromacy



Original Color

169, 206, 163

Achromatopsia

198, 198, 198

Achromatomaly

187, 201, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 206, 163 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(206, 201, 163) looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 163)  
}
```

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(206, 201, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 163) }
```

Border

The CSS property to change the border of an element to RYB 169, 206, 163 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(206, 201, 163) }
```

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

```
.border{ border-color:rgb(206, 201, 163) }
```

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

Here you see how a box with a 4 pixel rgb(206, 201, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 163);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 169, 206, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 163) }
```

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

```
.background{ background-color: rgb(206,  
201, 163) }
```

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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