

Converting Colors

`RYB(164, 197, 161)`

Have a look what the booklet for
RYB(164, 197, 161) contains.

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Color

RYB(164, 197, 161)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2A1
RGB	197, 194, 161
RGB Percent	77%, 76%, 63%
CMY	0.2275, 0.2383, 0.3686
CMYK	0.00, 0.01, 0.18, 0.23
HSL	55°, 24%, 70%
HSV	55°, 18%, 77%
XYZ	48.8022, 53.1299, 41.4012
YIQ	191.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

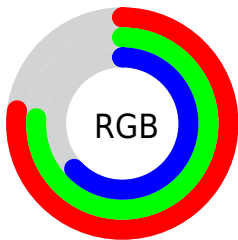
Format	Color
RYB	164, 197, 161
Decimal	12960417
CIELab	77.95, -4.59, 17.09
CIELCh	78, 17.697, 105.019
Yxy	53.1299, 0.3405, 0.3707
Android (android.graphics.Color)	4291150497 (0xFFC5C2A1)
YUV	191.1350, -14.8566, 5.1436
Hunter-Lab	72.8903, -8.0470, 17.3469

Details

The RYB color **164, 197, 161** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161, 164, 197**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **220, 254, 216**, and **112, 143, 109** is the 20% darker color. If you saturate the color by 10%, you get **145, 197, 141**, and if you desaturate by 10%, it is **182, 197, 181**.

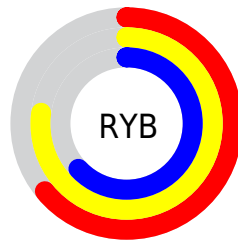
Distribution



Red (77%)

Green (76%)

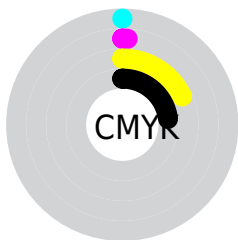
Blue (63%)



Red (64%)

Yellow (77%)

Blue (63%)

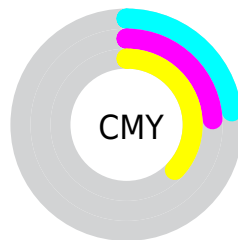


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 197, 161 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, 197, 161 by changing the saturation by 10% instead.

 164, 197, 161


255, 255, 255

 219, 254, 216

 244, 255, 244

 164, 197, 161

 138, 170, 135

 111, 143, 109

 87, 117, 85

 63, 92, 62

 40, 68, 39

 20, 46, 19

 0, 25, 0

 0, 0, 0

 164, 197, 161

 164, 197, 161

■ 145, 197, 141

■ 182, 197, 181

■ 129, 197, 122

■ 197, 197, 200

■ 110, 197, 102

■ 197, 199, 220

■ 92, 197, 82

■ 197, 200, 240

■ 74, 197, 63

■ 197, 202, 255

■ 56, 197, 43

■ 197, 202, 255

■ 37, 197, 23

■ 197, 204, 255

■ 19, 197, 3

■ 197, 205, 255

■ 16, 197, 0

■ 197, 206, 255

Harmonies

Analogous

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



208, 214, 161



164, 197, 161



169, 199, 190

Triad

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



164, 197, 161



152, 180, 215



221, 182, 202

Complementary

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



164, 197, 161



161, 164, 197

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.



206, 186, 216



164, 197, 161



165, 186, 224

Square

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



164, 197, 161



151, 177, 202



185, 190, 224



227, 181, 185

Rectangle

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



164, 197, 161



166, 192, 201



185, 190, 224



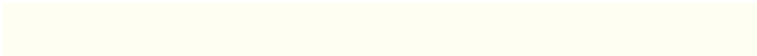
217, 183, 207

Sweetspot

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



164, 197, 161



243, 255, 242



197, 161, 164



121, 128, 120



0, 0, 0



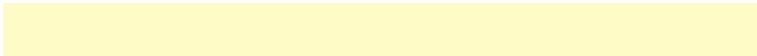
128, 128, 128

Same Dimension

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



164, 197, 161



203, 255, 199



161, 197, 176



90, 99, 90



13, 163, 0



3, 36, 0

Inverse Universe

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



161, 164, 197



199, 203, 255



176, 161, 197



90, 90, 99



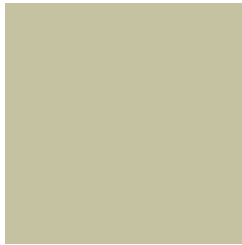
0, 12, 163



0, 3, 36

Previews

White Background



This preview shows how the RYB color 164, 197, 161 looks on a white background.

Color Contrast Check

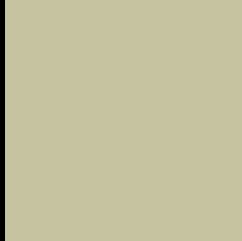
Large Text (above 18pt) WCAG AA × Fail

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, 197, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

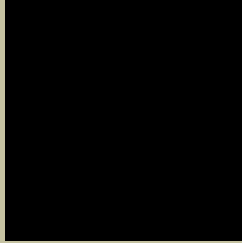
Any Text WCAG AA ✓ Pass

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, 197, 161 Background



This preview shows how black text looks on a background with the RYB color 164, 197, 161.





This preview shows how white text looks on a background with the RYB color 164, 197, 161.

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, 197, 161
	Protanopia 175, 203, 160
	Deuteranopia 222, 198, 163



Tritanopia
203, 188, 203

Trichromacy



Original Color

164, 197, 161

Protanomaly

170, 201, 160

Deuteranomaly

211, 213, 162

Tritanomaly

201, 190, 188

Monochromacy



Original Color

164, 197, 161

Achromatopsia

191, 191, 191

Achromatomaly

181, 193, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 197, 161 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(197, 194, 161) looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 161)  
}
```

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(197, 194, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 161) }
```

Border

The CSS property to change the border of an element to RYB 164, 197, 161 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(197, 194, 161) }
```

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

```
.border{ border-color:rgb(197, 194, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 194, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 164, 197, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 161) }
```

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

```
.background{ background-color: rgb(197,  
194, 161) }
```

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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