

Converting Colors

`RYB(201, 197, 127)`

Have a look what the booklet for
RYB(201, 197, 127) contains.

RYB(201, 197, 127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(201, 197, 127)$

Conversions

Conversions Part 1

Format	Color
Hex	C9A37F
RGB	201, 163, 127
RGB Percent	79%, 64%, 50%
CMY	0.2118, 0.3609, 0.5020
CMYK	0.00, 0.19, 0.37, 0.21
HSL	29°, 41%, 64%
HSV	29°, 37%, 79%
XYZ	41.0104, 40.1343, 25.6639
YIQ	170.2580, 34.2040, -3.1400

Conversions

Conversions Part 2

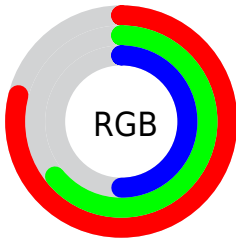
Format	Color
RYB	201, 197, 127
Decimal	13214591
CIELab	69.57, 9.01, 23.98
CIELCh	70, 25.619, 69.414
Yxy	40.1343, 0.3840, 0.3758
Android (android.graphics.Color)	4291404671 (0xFFC9A37F)
YUV	170.2580, -21.3262, 26.9607
Hunter-Lab	63.3517, 4.6858, 20.3277

Details

The RYB color **201, 197, 127** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **127, 152, 201**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **253, 255, 180**, and **146, 142, 78** is the 20% darker color. If you saturate the color by 10%, you get **201, 197, 107**, and if you desaturate by 10%, it is **201, 197, 147**.

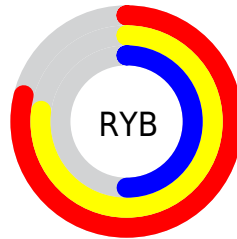
Distribution



Red (79%)

Green (64%)

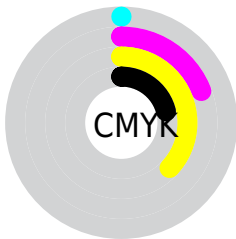
Blue (50%)



Red (79%)

Yellow (77%)

Blue (50%)

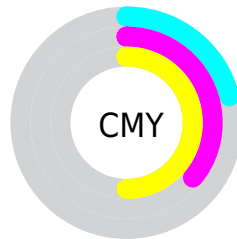


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (21%)



Cyan (21%)


Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 197, 127 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 201, 197, 127 by changing the saturation by 10% instead.


 201, 197, 127

255, 255, 255

 253, 255, 180

 219, 255, 208

 236, 255, 236

 201, 197, 127

 173, 171, 102

 146, 142, 78

 117, 119, 54


 87, 93, 32


 57, 68, 10


 44, 40, 0


 17, 0, 0


 0, 0, 0


 201, 197, 127


 201, 197, 127

 201, 197, 107


 201, 197, 147

 201, 193, 87


 201, 201, 167

 201, 193, 67


 201, 201, 187


 201, 193, 47


 201, 203, 207

 201, 189, 27

 201, 210, 228

 201, 191, 6

 201, 217, 248

 201, 191, 0

 201, 222, 255

 201, 226, 255

 201, 228, 255

Harmonies

Analogous

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



214, 160, 141



201, 197, 127



133, 179, 124

Triad

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



201, 197, 127



106, 146, 183



183, 161, 206

Complementary

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



201, 197, 127



127, 152, 201

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.



151, 166, 215



201, 197, 127



102, 146, 199

Square

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



201, 197, 127



127, 164, 182



120, 155, 213



206, 155, 187

Rectangle

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



201, 197, 127



129, 175, 142



120, 155, 213



173, 164, 210

Sweetspot

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



201, 197, 127



255, 255, 227



201, 127, 165



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



201, 197, 127



255, 247, 143



128, 201, 127



99, 97, 90



163, 153, 0



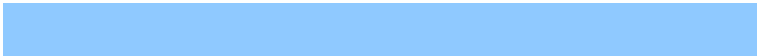
36, 32, 0

Inverse Universe

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



127, 152, 201



143, 181, 255



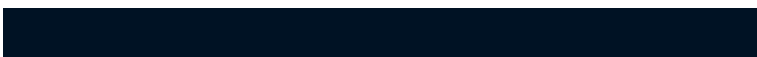
127, 128, 201



90, 93, 99



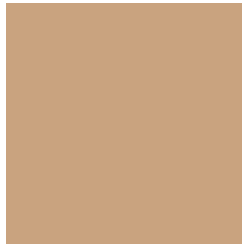
0, 55, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 201, 197, 127 looks on a white background.

Color Contrast Check

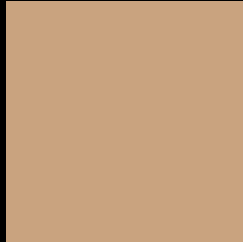
Large Text (above 18pt) WCAG AA × Fail

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 201, 197, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

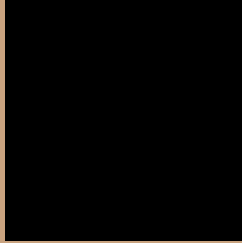
Any Text WCAG AA ✓ Pass

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 201, 197, 127 Background



This preview shows how black text looks on a background with the RYB color 201, 197, 127.


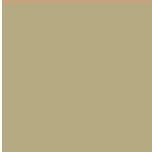



This preview shows how white text looks on a background with the RYB color 201, 197, 127.

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 201, 197, 127
	Protanopia 146, 182, 130
	Deuteranopia 201, 197, 127



Tritanopia
205, 157, 169

Trichromacy



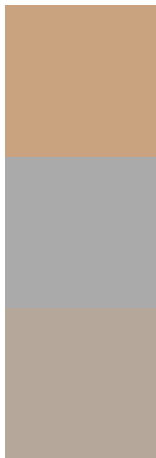
Original Color
201, 197, 127

Protanomaly
164, 189, 129

Deuteranomaly
201, 197, 127

Tritanomaly
204, 160, 154

Monochromacy



Original Color
201, 197, 127

Achromatopsia
170, 170, 170

Achromatomaly
181, 179, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 197, 127 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(201, 163, 127)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 127)  
}
```

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(201, 163, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 127) }
```

Border

The CSS property to change the border of an element to RYB 201, 197, 127 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(201, 163, 127) }
```

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

```
.border{ border-color:rgb(201, 163, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 163, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 127);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 201, 163, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 163, 127) }
```

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

```
.background{ background-color: rgb(201,  
163, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor