

Converting Colors

`RYB(195, 201, 122)`

Have a look what the booklet for
RYB(195, 201, 122) contains.

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Color

R_YB(195, 201, 122)

Conversions

Conversions Part 1

Format	Color
Hex	C9A37A
RGB	201, 163, 122
RGB Percent	79%, 64%, 48%
CMY	0.2118, 0.3606, 0.5216
CMYK	0.00, 0.19, 0.39, 0.21
HSL	31°, 42%, 63%
HSV	31°, 39%, 79%
XYZ	40.7080, 40.0381, 23.9949
YIQ	169.6880, 35.8090, -4.6950

Conversions

Conversions Part 2

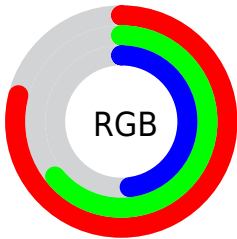
Format	Color
RYB	195, 201, 122
Decimal	13214586
CIELab	69.50, 8.37, 26.60
CIELCh	69, 27.890, 72.531
Yxy	40.0381, 0.3887, 0.3823
Android (android.graphics.Color)	4291404666 (0xFFC9A37A)
YUV	169.6880, -23.5102, 27.4606
Hunter-Lab	63.2756, 4.1044, 21.8094

Details

The RYB color **195, 201, 122** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **122, 148, 201**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **244, 255, 175**, and **137, 145, 73** is the 20% darker color. If you saturate the color by 10%, you get **195, 201, 102**, and if you desaturate by 10%, it is **195, 201, 142**.

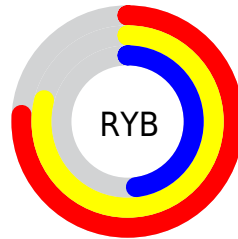
Distribution



Red (79%)

Green (64%)

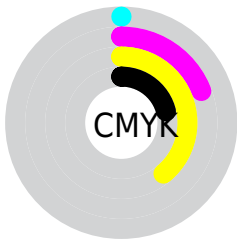
Blue (48%)



Red (76%)

Yellow (79%)

Blue (48%)

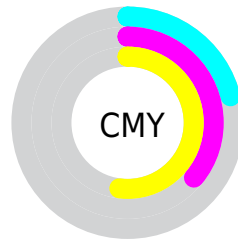


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 201, 122 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 195, 201, 122 by changing the saturation by 10% instead.

 195, 201, 122

255, 255, 255

 244, 255, 175

 213, 255, 202

 230, 255, 230

 195, 201, 122

 165, 173, 97

 137, 145, 73

 110, 119, 50

 80, 93, 28

 48, 68, 4

 43, 41, 0

 15, 0, 0


 0, 0, 0

 195, 201, 122


 195, 201, 122

 195, 201, 102


 195, 201, 142

 191, 201, 82

 199, 201, 162


 191, 201, 62

 199, 201, 182


 191, 201, 42

 201, 202, 202

 188, 201, 22


 201, 208, 223

 186, 201, 1

 201, 215, 243

 187, 201, 0

 201, 220, 255

 201, 224, 255

 201, 227, 255

Harmonies

Analogous

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



217, 160, 137



195, 201, 122



125, 177, 120

Triad

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



195, 201, 122



97, 142, 184



187, 160, 207

Complementary

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



195, 201, 122



122, 148, 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.



153, 165, 219



195, 201, 122



94, 143, 203

Square

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



195, 201, 122



120, 161, 183



117, 154, 217



211, 153, 186

Rectangle

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



195, 201, 122



127, 176, 145



117, 154, 217



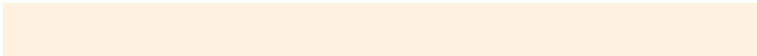
176, 162, 212

Sweetspot

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



195, 201, 122



253, 255, 224



201, 122, 160



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



195, 201, 122



247, 255, 135



122, 201, 123



97, 99, 90



150, 163, 0



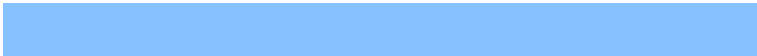
32, 36, 0

Inverse Universe

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



122, 148, 201



135, 174, 255



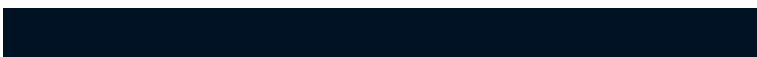
123, 122, 201



90, 93, 99



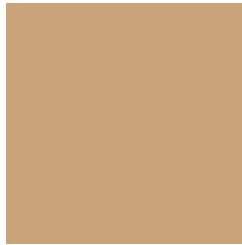
0, 53, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 195, 201, 122 looks on a white background.

Color Contrast Check

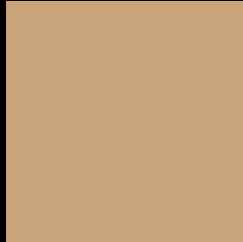
Large Text (above 18pt) WCAG AA × Fail

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 195, 201, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

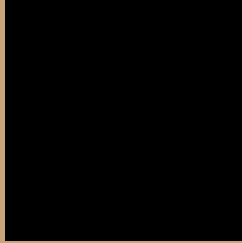
Any Text WCAG AA ✓ Pass

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 195, 201, 122 Background



This preview shows how black text looks on a background with the RYB color 195, 201, 122.



This preview shows how white text looks on a background with the RYB color 195, 201, 122.

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
[195, 201, 122](#)

Protanopia
[140, 182, 125](#)

Deuteranopia
[198, 202, 122](#)



Tritanopia
206, 157, 169

Trichromacy



Original Color

195, 201, 122

Protanomaly

157, 189, 124

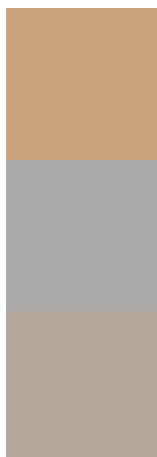
Deuteranomaly

198, 202, 122

Tritanomaly

204, 160, 152

Monochromacy



Original Color

195, 201, 122

Achromatopsia

170, 170, 170

Achromatomaly

181, 181, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 201, 122 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(201, 163, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 163, 122) }
```

Border

The CSS property to change the border of an element to RYB 195, 201, 122 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, 122) }
```

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

```
.border{ border-color:rgb(201, 163, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 163, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 163, 122);  
box-shadow:4px 4px 4px 4px rgb(201, 163,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 195, 201, 122 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, 122) }
```

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

```
.background{ background-color: rgb(201,  
163, 122) }
```

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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